

Health Hazard Evaluation Reports

BOOK CHAPTERS

POSTERS

# NIOSH Bibliography of Communication and Research Products 2008

Journal Articles

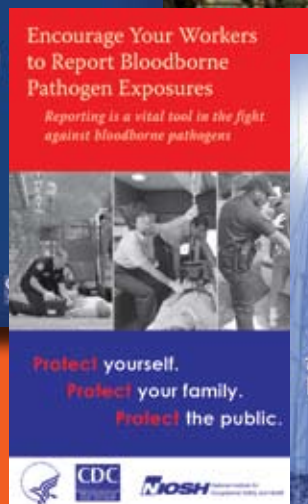
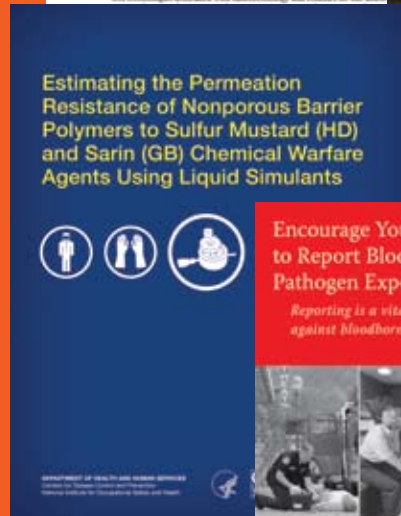
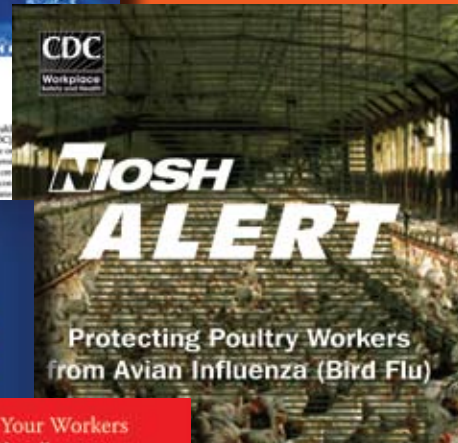
ALERTS

PROCEEDINGS

Fatality Assessment and Control Evaluation Reports

ABSTRACTS

CONTROL TECHNOLOGY REPORTS



DEPARTMENT OF HEALTH AND HUMAN SERVICES  
Centers for Disease Control and Prevention  
National Institute for Occupational Safety and Health



**NIOSH**

# **NIOSH BIBLIOGRAPHY OF COMMUNICATION AND RESEARCH PRODUCTS**

## **2008**

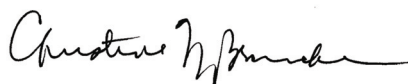
A Listing of NIOSH Publications for Calendar Year 2008

Department of Health and Human Services  
Centers for Disease Control and Prevention  
National Institute for Occupational Safety and Health  
Washington, DC

May 2009

## FOREWORD

We strive for excellence in our scientific endeavors, and in the publications of our work. This bibliography is our effort to provide the best scientific information possible to maintain and improve safety and health at work. I believe that this bibliography reflects and reinforces the NIOSH values of relevance, quality, and impact, and demonstrates the consistent commitment of NIOSH and our partners to all workers as they face challenges to be safe and healthy while contributing to our nation's productivity. Please explore these products further and distribute them freely in workplaces and to our colleagues in the occupational health and safety community.

A handwritten signature in black ink, appearing to read "Christine M. Branche". The signature is fluid and cursive, with a long horizontal stroke at the end.

Christine M. Branche, Ph.D.  
Acting Director, National Institute for Occupational  
Safety and Health

# CONTENTS

<b>I.</b>	<b>Journal Articles .....</b>	<b>1</b>
<b>II.</b>	<b>Book Chapters .....</b>	<b>33</b>
<b>III.</b>	<b>NIOSH Numbered Publications .....</b>	<b>35</b>
<b>IV.</b>	<b>Abstracts/Proceedings .....</b>	<b>45</b>
<b>V.</b>	<b>Control Technology Reports .....</b>	<b>63</b>
<b>VI.</b>	<b>Fatality Assessment and Control Evaluation Reports .....</b>	<b>65</b>
<b>VII.</b>	<b>Fire Fighter Fatality Investigation and Prevention Reports .....</b>	<b>67</b>
<b>VIII.</b>	<b>Health Hazard Evaluation Reports .....</b>	<b>71</b>
<b>IX.</b>	<b>Author Index .....</b>	<b>75</b>
<b>X.</b>	<b>Keyword Index .....</b>	<b>105</b>
<b>XI.</b>	<b>National Occupational Research Agenda (NORA) Index .....</b>	<b>125</b>



## I. JOURNAL ARTICLES

**0001.** Agrawal A, Cronin JP, Agrawal A, Tonazzi JCL, Adams L, Ashley K, Brisson MJ, Duran B, Whitney G, Burrell AK, McCleskey TM, Robbins J, White KT [2008]. Extraction and optical fluorescence method for the measurement of trace beryllium in soils. *Environ Sci Technol* 42(6):2066–2071.

**0002.** Ahn Y-S, Park RM, Koh DH [2008]. Cancer admission and mortality in workers exposed to ionizing radiation in Korea. *J Occup Environ Med* 50(7):791–803.

**0003.** Akgul Y, Derk RC, Meighan T, Rao KMK, Murono EP [2008]. The methoxychlor metabolite, HPTE, directly inhibits the catalytic activity of cholesterol side-chain cleavage (P450scc) in cultured rat ovarian cells. *Reprod Toxicol* 25(1):67–75.  
*NORA: Manufacturing*

**0004.** Akpinar-Elci M, Siegel PD, Cox-Ganser JM, Stemple KJ, White SK, Hilsbos K, Weissman DN [2008]. Respiratory inflammatory responses among occupants of a water-damaged office building. *Indoor Air* 18(2):125–130.

**0005.** Alterman T, Grosch J, Chen X, Chrislip D, Petersen M, Krieg E, Chung H, Muntaner C [2008]. Examining associations between job characteristics and health: linking data from the Occupational Information Network (O\*NET) to two US national health surveys. *J Occup Environ Med* 50(12):1401–1413.  
*NORA: Agriculture, Forestry and Fishing*

**0006.** Alterman T, Steege AL, Li J, Petersen MR, Muntaner C [2008]. Ethnic, racial, and gender variations in health among farm operators in the United States. *Ann Epidemiol* 18(3):179–186.  
*NORA: Agriculture, Forestry and Fishing*

**0007.** Anderson JL, Spitz HB, Daniels RD [2008]. Population monitoring for acute exposure to  $^{210}\text{Po}$ . *J Occup Environ Med* 50(8):916–923.  
*NORA: Manufacturing*

**0008.** Anderson SE, Ham JE, Munson AE [2008]. Irritancy and sensitization potential of glyoxylic acid. *J Immunotoxicol* 5(2):93–98.  
*NORA: Healthcare and Social Assistance: Services*

**0009.** Anderson SE, Munson AE, Tomblyn S, Meade BJ, Diotte NM [2008]. The humoral immune response of mice exposed to simulated road paving-like asphalt fumes. *J Immunotoxicol* 5(3):307–313.

**0010.** Andrew ME, McCanlies EC, Burchfiel CM, Charles LE, Hartley TA, Fekedulegn D, Violanti JM [2008]. Hardiness and psychological distress in a cohort of police officers. *Int J Emerg Mental Health* 10(2):137–147.  
*NORA: Services*

**0011.** Antão VC, Pinheiro GA, Wassell JT [2008]. Asbestosis mortality in the United States: facts and predictions. *Occup Environ Med* [Electronic publication—ahead of print].

## ***I. Journal Articles***

**0012.** Apopa PL, He X, Ma Q [2008]. Phosphorylation of Nrf2 in the transcription activation domain by casein kinase 2 (CK2) is critical for the nuclear translocation and transcription activation function of Nrf2 in IMR-32 neuroblastoma cells. *J Biochem Mol Toxicol* 22(1):63–76.

**0013.** Ashley K, Biagini RE, Smith JP, Sammons DL, MacKenzie BA, Striley CAF, Robertson SK, Snawder JE [2008]. The use of immunochemical and biosensor methods for occupational and environmental monitoring. Part I: introduction to immunoassays. *J Occup Environ Hyg* 5(2):D25–D32.

*NORA: Healthcare and Social Assistance*

**0014.** Ashley K, Biagini RE, Smith JP, Sammons DL, MacKenzie BA, Striley CAF, Robertson SK, Snawder JE [2008]. The use of immunochemical and biosensor methods for occupational and environmental monitoring. Part II: immunoassay data analysis and immunobiosensors. *J Occup Environ Hyg* 5(3):D37–D42.

*NORA: Healthcare and Social Assistance*

**0015.** Ashley K, McKernan LT, Burroughs E, Deddens J, Pendergrass S, Streicher RP [2008]. Field evaluation of diacetyl sampling and analytical methods. *J Occup Environ Hyg* 5(11):D111–D116.

*NORA: Manufacturing*

**0016.** Attfield MD, Kuempel ED [2008]. Mortality among US underground coal miners: a 23-year follow-up. *Am J Ind Med* 51(4):231–245.

**0017.** Ayres JG, Borm P, Cassee F, Castranova V, Donaldson K, Ghio A, Harrison RM, Hider R, Kelly F, Kooter I, Marano F, Maynard RL, Mudway I, Nel A, Sioutas C, Smith S, Baeza-Squiban A, Cho A, Duggan S, Froines J [2008]. Evaluating the toxicity of airborne particulate matter and nanoparticles by measuring oxidative stress potential—a workshop report and consensus statement. *Inhal Toxicol* 20(1):75–99.

*NORA: Manufacturing*

**0018.** Azad N, Iyer AKV, Manosroi A, Wang L, Rojanasakul Y [2008]. Superoxide-mediated proteasomal degradation of Bcl-2 determines cell susceptibility to Cr(VI)-induced apoptosis. *Carcinogenesis* 29(8):1538–1545.

*NORA: Manufacturing*

**0019.** Azad N, Rojanasakul Y, Vallyathan V [2008]. Inflammation and lung cancer: roles of reactive oxygen/nitrogen species. *J Toxicol Environ Health, B* 11(1):1–15.

*NORA: Manufacturing: Mining*

**0020.** Baan R, Straif K, Grosse Y, Secretan B, El Ghissassi F, Bouvard V, Benbrahim-Tallaa L, Coglianò V, WHO International Agency for Research on Cancer Monograph Working Group [2008]. Carcinogenicity of some aromatic amines, organic dyes, and related exposures. *Lancet Oncol* 9(4):322–323.

**0021.** Baker BA, Hollander MS, Mercer RR, Kashon ML, Cutlip RG [2008]. Adaptive stretch-shortening contractions: diminished regenerative capacity with aging. *Appl Physiol Nutr Metab* 33(6):1181–1191.

**0022.** Bang KM, Attfield MD, Wood JM, Syamlal G [2008]. National trends in silicosis mortality in the United States, 1981–2004. *Am J Ind Med* 51(9):633–639.

**0023.** Bang KM, Mazurek JM, Syamlal G, Wood JM [2008]. Asbestosis mortality surveillance in the United States, 1970–2004. *Int J Occup Environ Health* 14(3):161–169.

**0024.** Barczak TM, Tadolini SC [2008]. Pumpable roof supports: an evolution in longwall roof support technology. *Trans Soc Min Metal Explor* 324:19–31.

**0025.** Baron P, Deye GJ, Martinez AB, Jones EN, Bennett JS [2008]. Size shifts in measurements of droplets with the aerodynamic particle sizer and the aerosizer. *Aerosol Sci Tech* 42(3):201–209.

*NORA: Manufacturing*

**0026.** Baron PA, Deye GJ, Chen BT, Schwegler-Berry DE, Shvedova AA, Castranova V [2008]. Aerosolization of single-walled carbon nanotubes for an inhalation study. *Inhal Toxicol* 20(8):751–760.

*NORA: Manufacturing*

**0027.** Baron PA, Estill CF, Deye GJ, Hein MJ, Beard JK, Larsen LD, Dahlstrom GE [2008]. Development of an aerosol system for uniformly depositing *Bacillus anthracis* spore particles on surfaces. *Aerosol Sci Tech* 42(3):159–172.

**0028.** Barr RG, Stemple KJ, Mesia-Vela S, Basner RC, Derk SJ, Henneberger PK, Milton DK, Taveras B [2008]. Reproducibility and validity of a handheld spirometer. *Resp Care* 53(4):433–441.

**0029.** Barter ZE, Chowdry JE, Harlow JR, Snawder JE, Lipscomb JC, Rostami-Hodjegan A [2008]. Covariation of human microsomal protein per gram of liver with age: absence of influence of operator and sample storage may justify interlaboratory data pooling. *Drug Metab Dispos* 36(12):2405–2409.

*NORA: Agriculture, Forestry and Fishing; Manufacturing*

**0030.** Battelli LA, Ghanem MM, Kashon ML, Barger M, Ma JYC, Simoskevitz RL, Miles PR, Hubbs AF [2008]. Crystalline silica is a negative modifier of pulmonary cytochrome P-4501A1 induction. *J Toxicol Environ Health, A* 71(8):521–532.

*NORA: Manufacturing*

**0031.** Bauer ER, Spencer ER [2008]. Snapshot of noise and worker exposures in sand and gravel operations. *Min Eng* 60(3):50–57.

*NORA: Mining*

**0032.** Bealko SB, Kovalchik PG, Matetic RJ [2008]. Mining sector. *J Saf Res* 39(2):187–189.

*NORA: Mining*

**0033.** Beck TW, Goodman GVR [2008]. Evaluation of dust exposures associated with mist drilling technology for roof bolters. *Min Eng* 60(12):35–39.



## ***I. Journal Articles***

- 0034.** Beezhold DH, Green BJ, Blachere FM, Schmechel D, Weissman DN, Velickoff D, Hogan MBT, Wilson NW [2008]. Prevalence of allergic sensitization to indoor fungi in West Virginia. *Allergy Asthma Proc* 29(1):29–34.
- 0035.** Bell JL, Collins JW, Wolf L, Gronqvist R, Chiou S, Chang W-R, Sorock GS, Courtney TK, Lombardi DA, Evanoff B [2008]. Evaluation of a comprehensive slip, trip and fall prevention programme for hospital employees. *Ergonomics* 51(12):1906–1925.
- 0036.** Bello D, Redlich CA, Stowe MH, Sparer J, Woskie SR, Streicher RP, Hosgood HD, Liu YC [2008]. Skin exposure to aliphatic polyisocyanates in the auto body repair and refinishing industry: II. A quantitative assessment. *Ann Occup Hyg* 52(2):117–124.
- 0037.** Bevilacqua MC, Novaes BC, Morata TC [2008]. Audiology in Brazil. *Int J Audiol* 47(2):45–50.
- 0038.** Bhattacharya A, Watts NB, Gordon J, Shukla R, Waters T, Bartels S, Coleman R [2008]. Bone quantity and quality of youths working on a farm—a pilot study. *J Agromed* 12(4):27–38.
- 0039.** Bienek DR, Biagini RE, Charlton DG, Smith JP, Sammons DL, Robertson SA [2008]. Rapid point-of-care test to detect broad ranges of protective antigen-specific immunoglobulin G concentrations in recipients of the U.S.-licensed anthrax vaccine. *Clin Vaccin Immunol* 15(4):644–649.  
*NORA: Healthcare and Social Assistance*
- 0040.** Boal WL, Leiss JK, Sousa S, Lyden JT, Li J, Jagger J [2008]. The national study to prevent blood exposure in paramedics: exposure reporting. *Am J Ind Med* 51(3):213–222.
- 0041.** Boeniger M, Neumeister C, Booth-Jones A [2008]. Sampling and analytical method development and hand wipe measurements of dermal exposures to polycyclic aromatic hydrocarbons. *J Occup Environ Hyg* 5(7):417–425.
- 0042.** Booth-Butterfield S, Welbourne JL, Ott S, Hartley T, Thomas KC, Lawryk NJ [2008]. A communication matrix intervention to increase adoption of federal government safety recommendations. *Health Commun* 23(4):307–312.
- 0043.** Brackett EM, Allen DE, Siebert SR, La Bone TR [2008]. Internal dose reconstruction under Part B of the energy employees compensation act. *Health Phys* 95(1):69–80.
- 0044.** Brandt MT, Biddle EA [2008]. Applying the IH value strategy. *Synergist* 19(10):36–39.
- 0045.** Brown KK, Robinson K [2008]. High-performance liquid chromatography identification, quantification, and fractionation of a suspect allergen, 4-chloro-3-methylphenol, in an LLNA-positive metalworking fluid. *Tribol Trans* 51(1):101–106.  
*NORA: Manufacturing*
- 0046.** Bruening DA, Crewe AN, Buczek FL [2008]. A simple, anatomically based correction to the conventional ankle joint center. *Clin Biomech* 23(10):1299–1302.

**0047.** Buckley JP, Sestito JP, Hunting KL [2008]. Fatalities in the landscape and horticultural services industry, 1992–2001. *Am J Ind Med* 51(9):701–713.

**0048.** Budowle B, Schutzer SE, Morse SA, Martinez KF, Chakraborty R, Marrone BL, Messenger SL, Murch RS, Jackson PJ, Williamson P, Harmon R, Velsko SP [2008]. Criteria for validation of methods in microbial forensics. *Appl Environ Microbiol* 74(18):5599–5607.

**0049.** Burton NC, Adhikari A, Iossifova Y, Grinshpun SA, Reponen T [2008]. Effect of gaseous chlorine dioxide on indoor microbial contaminants. *J Air Waste Manage Assoc* 58(5):647–656.

**0050.** Byrne DC, Reeves ER [2008]. Analysis of nonstandard noise dosimeter microphone positions. *J Occup Environ Hyg* 5(3):197–209.

**0051.** Calvert GM, Karnik J, Mehler L, Beckman J, Morrissey B, Sievert J, Barrett R, Lackovic M, Mabee L, Schwartz A, Mitchell Y, Moraga-McHaley S [2008]. Acute pesticide poisoning among agricultural workers in the United States, 1998–2005. *Am J Ind Med* 51(12):883–898.

*NORA: Agriculture, Forestry and Fishing*

**0052.** Caruso CC, Waters TR [2008]. A review of work schedule issues and musculoskeletal disorders with an emphasis on the healthcare sector. *Ind Health* 46(6):523–534.

**0053.** Cawley JC, Homce GT [2008]. Trends in electrical injury in the US, 1992–2002. *IEEE Trans Ind Appl* 44(4):962–972.

*NORA: Mining*

**0054.** Chang MH, Lindegren ML, Butler MA, Chanock SJ, Dowling NF, Gallagher M, Moonesinghe R, Moore CA, Ned RM, Reichler MR, Sanders CL, Welch R, Yesupriya A, Khoury MJ [2008]. Prevalence in the United States of selected candidate gene variants. *Am J Epidemiol* 169(1):54–66 [Electronic publication—ahead of print].

**0055.** Chapin RE, Adams J, Boekelheide K, Gray LE, Hayward SW, Lees PSJ, McIntyre BS, Portier KM, Schnorr TM, Selevan SG, Vandenberg JG, Woskie SR [2008]. NTP-CERHR expert panel report on the reproductive and developmental toxicity of bisphenol A. *Birth Defects Res B Dev Reprod Toxicol* 83(3):157–395.

**0056.** Chapman LE, Sullivent EE, Grohskopf LA, Beltrami EM, Perz JF, Kretsinger K, Panlilio AL, Thompson ND, Ehrenberg RL, Gensheimer KF, Duchin JS, Kilmarx PH, Hunt RC [2008]. Postexposure interventions to prevent infection with HBV, HCV, or HIV, and Tetanus in people wounded during bombings and other mass casualty events—United States, 2008. *Disaster Med Public Health Prep* 2(3):150–165.

**0057.** Chapman LE, Sullivent EE, Grohskopf LA, Beltrami EM, Perz JF, Kretsinger K, Panlilio AL, Thompson ND, Ehrenberg RL, Gensheimer KF, Duchin JS, Kilmarx PH, Hunt RC [2008]. Recommendations for postexposure interventions to prevent infection with Hepatitis B Virus, Hepatitis C Virus, or Human Immunodeficiency Virus, and Tetanus in persons wounded during bombings and other mass-casualty events—United States, 2008. *MMWR* 57:(RR–6):1–28.

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**0058.** Chapman LJ, Husberg B [2008]. Agriculture, forestry, and fishing sector. *J Saf Res* 39(2):171–173.

**0059.** Chapman LJ, Newenhouse AC, Pereira KM, Karsh B-T, Meyer RM, Brunette CM, Ehlers JJ [2008]. Evaluation of a four year intervention to reduce musculoskeletal hazards among berry growers. *J Saf Res* 39(2):215–224.

*NORA: Agriculture, Forestry and Fishing*

**0060.** Charles LE, Burchfiel CM, Fekedulegn D, Violanti JM, Browne RW, McCanlies E, Andrew ME [2008]. Sleep duration and oxidative stress: the Buffalo Cardio-Metabolic Occupational Police Stress (BCOPS) study. *Open Sleep J* 1(11):15–25.

*NORA: Services*

**0061.** Charles LE, Burchfiel CM, Violanti JM, Fekedulegn D, Slaven JE, Browne RW, Hartley TA, Andrew ME [2008]. Adiposity measures and oxidative stress among police officers. *Obesity* 16(11):2489–2497.

*NORA: Services*

**0062.** Chen F, Beezhold K, Castranova V [2008]. Tumor promoting or tumor suppressing of NF- $\kappa$ B, a matter of cell context dependency. *Int Rev Immunol* 27(4):183–204.

*NORA: Manufacturing: Mining*

**0063.** Chen GX [2008]. Impact of federal compliance reviews of trucking companies in reducing highway truck crashes. *Accid Anal Prev* 40(1):238–245.

*NORA: Transportation, Warehousing and Utilities*

**0064.** Chiou SS, Pan CS, Bhattacharya A [2008]. Kinematics and kinetics of gait on stilts: identification of risk factors associated with construction stilt use. *Ergonomics* 51(12):1814–1829.

**0065.** Chipinda I, Hettick JM, Simoyi RH, Siegel PD [2008]. Zinc diethyldithiocarbamate allergenicity: potential haptentation mechanisms. *Contact Dermatitis* 59(2):79–89.

*NORA: Healthcare and Social Assistance: Services*

**0066.** Chipinda I, Zhang X-D, Simoyi RH, Siegel PD [2008]. Mercaptobenzothiazole allergenicity—role of the thiol group. *Cutan Ocul Toxicol* 27(2):103–116.

**0067.** Cierpich H, Styles L, Harrison R, Davis L, Chester D, Lefkowitz D, Valiante D, Richardson S, Castillo D, Romano N, Baron S [2008]. Work-related injury deaths among Hispanics—United States, 1992–2006. *JAMA* 300(21):2479–2480.

*NORA: Transportation, Warehousing and Utilities: Wholesale and Retail Trade*

**0068.** Cierpich H, Styles L, Harrison R, Davis L, Chester D, Lefkowitz D, Valiante D, Richardson S, Castillo D, Romano N, Baron S [2008]. Work-related injury deaths among Hispanics—United States, 1992–2006. *MMWR* 57(22):597–600.

*NORA: Transportation, Warehousing and Utilities: Wholesale and Retail Trade*

**0069.** Coca A, Roberge R, Shepherd A, Powell JB, Stull JO, Williams WJ [2008]. Ergonomic comparison of a chem/bio prototype firefighter ensemble and a standard ensemble. *Eur J Appl Physiol* 104(2):351–359.

*NORA: Services: Public Safety*

**0070.** Compton CS, Gallagher S, Molinda GM, Mark C, Wilson G [2008]. Roof screening for underground coal mines: recent developments. *Coal Age* 113(6):34–36.

*NORA: Mining*

**0071.** Cronin JP, Agrawal A, Adams L, Tonazzi JC, Brisson MJ, White KT, Marlow D, Ashley K [2008]. Interlaboratory evaluation of an extraction and fluorescence method for the determination of trace beryllium in soils. *J Environ Monit* 10(8):955–960.

**0072.** Cullen ET, Matthews LNH, Teske TD [2008]. Use of occupational ethnography and social marketing strategies to develop a safety awareness campaign for coal miners. *Soc Mark Q* 14(4):2–21.

*NORA: Mining*

**0073.** Cummings KJ [2008]. Disposable respirators. *Am J Respir Crit Care Med* 177(3):P1–P2.

**0074.** Cummings KJ, Cox-Ganser J, Riggs MA, Edwards N, Hobbs GR, Kreiss K [2008]. Health effects of exposure to water-damaged New Orleans homes six months after Hurricanes Katrina and Rita. *Am J Publ Health* 98(5):869–875.

**0075.** Cummings KJ, Kreiss K [2008]. Contingent workers and contingent health—risks of a modern economy. *JAMA* 299(4):448–450.

**0076.** Dalsey E, Park HS [2008]. Implication of organizational health policy on organizational attraction. *Health Commun* 24(1):71–81.

**0077.** Davis RR [2008]. What do we know about hearing protector comfort? *Noise Health* 10(40):83–89.

*NORA: Manufacturing*

**0078.** De Rosa MI [2008]. Reduction of fire hazards on large mining equipment. *Coal Age* 113(9):30, 32, 34.

*NORA: Mining*

**0079.** De Rosa MI, Litton CD [2008]. Rapid detection and suppression of mining equipment cab fires. *Fire Technol* 44:1–11.

*NORA: Mining*

**0080.** Deddens JA, Petersen MR [2008]. Approaches for estimating prevalence ratios. *Occup Environ Med* 65(7):501–506.

*NORA: Manufacturing*

## ***I. Journal Articles***

**0081.** Dement JM, Kuempel E, Zumwalde R, Smith R, Stayner L, Loomis D [2008]. Development of a fiber size-specific job-exposure matrix for airborne asbestos fibers. *Occup Environ Med* 65(9):605–612.

*NORA: All Sectors: Manufacturing: Mining*

**0082.** Doney B, Greskevitch M, Groce D, Syamlal G, Bang KM [2008]. Respirator use and practices. *Water Environ Technol* 20(7):54–55.

*NORA: Construction*

**0083.** Doney B, Greskevitch M, Groce D, Syamlal G, Bang KM [2008]. Respirator use and practices in lumber and wood products manufacturing establishments: results of a national survey of private sector employers. *GLTPA* (12):46–50.

*NORA: Construction*

**0084.** Doney B, Greskevitch M, Groce D, Syamlal G, Bang KM [2008]. Survey exposes some shortcomings in respirator programs. *Pulp Pap* 82(2):26–27.

*NORA: Construction*

**0085.** Doney B, Greskevitch M, Syamlal G, Bang KM, Groce D [2008]. Breathe easier, work safer: many companies ignore respiratory protection. Here's what you must know now. *PWC* 70(1):62–66.

*NORA: Construction*

**0086.** Doney B, Greskevitch M, Syamlal G, Bang KM, Groce D [2008]. Respirator use and practices in rubber and plastics products establishments: results of a national survey of private sector employers. *Rubber World* 238(5):14–16.

*NORA: Construction*

**0087.** Dong JH, Dong RG, Rakheja S, Welcome DE, McDowell TW, Wu JZ [2008]. A method for analyzing absorbed power distribution in the hand and arm substructures when operating vibrating tools. *J Sound Vib* 311(3–5):1286–1304.

**0088.** Dong RG, Welcome DE, McDowell TW, Wu JZ [2008]. Analysis of handle dynamics-induced errors in hand biodynamic measurements. *J Sound Vib* 318(4–5):1313–1333.

**0089.** Dong RG, Welcome DE, Wu JZ, McDowell TW [2008]. Development of hand-arm system models for vibrating tool analysis and test rig construction. *Noise Control Eng J* 56(1):35–44.

**0090.** Dong RG, Wu JZ, Welcome DE, McDowell TW [2008]. A discussion on comparing alternative vibration measures with frequency-weighted accelerations defined in ISO standards. *J Sound Vib* 317(3–5):1042–1050.

**0091.** Dong RG, Wu JZ, Welcome DE, McDowell TW [2008]. A new approach to characterize grip force applied to a cylindrical handle. *Med Eng Phys* 30(1):20–33.

**0092.** Du L, Zhuang Z, Guan H, Xing J, Tang X, Wang L, Wang Z, Wang H, Liu Y, Su W, Benson S, Gallagher S, Viscusi D, Chen W [2008]. Head-and-face anthropometric survey of Chinese workers. *Ann Occup Hyg* 52(8):773–782.

**0093.** Eggerth DE [2008]. From theory of work adjustment to person-environment correspondence counseling: vocational psychology as positive psychology. *J Career Assess* 16(1):60–74.

*NORA: Construction*

**0094.** El-Fawal HAN, O'Callaghan JP [2008]. Autoantibodies to neurotypic and gliotypic proteins as biomarkers of neurotoxicity: assessment of trimethyltin (TMT). *Neurotoxicology* 29(1):109–115.

*NORA: Manufacturing*

**0095.** Englert RC, Dauser D, Gilchrist A, Samociuk HA, Singh RJ, Kesner JS, Cuthbert CD, Zarfos K, Gregorio DI, Stevens RG [2008]. Marital status and variability in cortisol excretion in postmenopausal women. *Biol Psychol* 77(1):32–38.

**0096.** Erdely A, Hulderman T, Salmen R, Liston A, Zeidler-Erdely PC, Schwegler-Berry D, Castranova V, Koyama S, Kim YA, Endo M, Simeonova PP [2008]. Cross-talk between lung and systemic circulation during carbon nanotube respiratory exposure. Potential biomarkers. *Nano Lett* 9(1):36-43 [Electronic publication—ahead of print].

**0097.** Esterhuizen GS, Dolinar DR, Ellenberger JL [2008]. Assessment of stable and failed pillars in underground limestone mines. *Min Eng* 60(11):43–48.

*NORA: Mining*

**0098.** Esterhuizen GS, Dolinar DR, Iannacchione AT [2008]. Field observations and numerical studies of horizontal stress effects on roof stability in U.S. limestone mines. *J S Afr Inst Min Metall* 108(6):345–352.

*NORA: Mining*

**0099.** Etherton J, Main B, Cloutier D, Christensen W [2008]. Reducing risk on machinery: a field evaluation pilot study of risk assessment. *Risk Anal* 28(3):711–721.

**0100.** Evans DE, Heitbrink WA, Slavin TJ, Peters TM [2008]. Ultrafine and respirable particles in an automotive grey iron foundry. *Ann Occup Hyg* 52(1):9–21.

*NORA: Manufacturing*

**0101.** Fox DA, Kala SV, Hamilton WR, Johnson JE, O'Callaghan JP [2008]. Low-level human equivalent gestational lead exposure produces supernormal scotopic electroretinograms, increased retinal neurogenesis, and decreased retinal dopamine utilization in rats. *Environ Health Perspect* 116(5):618–625.

*NORA: Healthcare and Social Assistance*

**0102.** Franks RA, Friel GF, Edwards JC, Smith AC [2008]. In-mine evaluation of smart mine fire sensor. *Trans Soc Min Metal Explor* 324:81–88.

*NORA: Mining*

**0103.** Frasch HF, Barbero AM [2008]. The transient dermal exposure: theory and experimental examples using skin and silicone membranes. *J Pharm Sci* 97(4):1578–1592.

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*NORA: Agriculture, Forestry and Fishing*

**0107.** Goldcamp MJ, Underwood MN, Cloud JL, Harshman S, Ashley KE [2008]. An environmentally friendly, cost-effective determination of lead in environmental samples using anodic stripping voltammetry. *J Chem Educ* 85(7):976–979.

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*NORA: Agriculture, Forestry and Fishing*

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*NORA: Mining*

**0117.** Harper M [2008]. Instant insight: asbestos comes naturally. *Chem Sci* 5(12):C93.  
*NORA: Mining*

- 0118.** Harper M, Lee EG, Doorn SS, Hammond O [2008]. Differentiating non-asbestiform amphibole and amphibole asbestos by size characteristics. *J Occup Environ Hyg* 5(12):761–770.  
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- 0119.** Harris ML, Mainiero RJ [2008]. Monitoring and removal of CO in blasting operations. *Saf Sci* 46(10):1393–1405.
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- 0121.** Hayumbu P, Robins TG, Key-Schwartz R [2008]. Cross-sectional silica exposure measurements at two Zambian copper mines of Nkana and Mufulira. *Int J Environ Res Public Health* 5(2):86–90.  
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*NORA: Services*
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- 0126.** Hines CJ, Deddens JA, Jaycox LB, Andrews RN, Striley CAF, Alavanja MCR [2008]. Captan exposure and evaluation of a pesticide exposure algorithm among orchard pesticide applicators in the agricultural health study. *Ann Occup Hyg* 52(3):153–166.  
*NORA: Agriculture, Forestry and Fishing*
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*NORA: Manufacturing*



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*NORA: Agriculture, Forestry and Fishing: Construction*
- 0132.** Hsiao H, Hause M, Powers JR Jr., Kau T-Y, Hendricks S, Simeonov PI [2008]. Effect of scaffold end frame carrying strategies on worker stepping response, postural stability, and perceived task difficulty. *Hum Factors* 50(1):27–36.  
*NORA: Agriculture, Forestry and Fishing: Construction*
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- 0135.** Hudak RL, Schulz TY, Randolph RF [2008]. New from NIOSH: inquiring ears want to know: a fact sheet about your hearing test. *Holmes Saf Assn Bull*, p. 10.  
*NORA: Mining*
- 0136.** Hudson H, Snawder J, Esswein E, Striley C [2008]. Partnering and consumer orientation: techniques that move occupational safety and health research into practice. *Soc Mark Q* 14(4):99–104.
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- 0138.** Isaacs SG, Powers LA, Lineberry GT, Scharf T [2008]. Enhancing cattle handling safety with the work crew performance model. *J Agric Saf Health* 14(3):261–271.
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*NORA: Manufacturing*

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- 0141.** Jiao S, Liu BC, Gao A, Ye M, Jia XW, Zhang FM, Liu HF, Shi XL, Huang CS [2008]. Benzo(a)pyrene-caused increased G<sub>1</sub>-S transition requires the activation of c-Jun through p53-dependent PI-3K/Akt/ERK pathway in human embryo lung fibroblasts. *Toxicol Lett* 178(3):167–175.  
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*NORA: Mining*

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*NORA: Manufacturing*

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*NORA: Mining*

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*NORA: Mining*

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*NORA: Mining*
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*NORA: Agriculture, Forestry and Fishing*
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- 0173.** Lehtola MM, van der Molen HF, Lappalainen J, Hoonakker PLT, Hsiao H, Haslam RA, Hale AR, Verbeek JH [2008]. The effectiveness of interventions for preventing injuries in the construction industry—a systematic review. *Am J Prev Med* 35(1):77–85.  
*NORA: Agriculture, Forestry and Fishing: Construction*

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*NORA: Construction: Manufacturing*

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*NORA: Agriculture, Forestry and Fishing*

**0178.** Lincoln J, Lucas D [2008]. Commercial fishing fatalities—California, Oregon, and Washington, 2000–2006. *MMWR* 57(16):425–429.

*NORA: Agriculture, Forestry and Fishing*

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*NORA: Agriculture, Forestry and Fishing*

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*NORA: Mining*

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*NORA: Agriculture, Forestry and Fishing*

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- 0186.** Luxbacher K, Westman E, Swanson P, Karfakis M [2008]. Three-dimensional time-lapse velocity tomography of an underground longwall panel. *Int J Rock Mech Min Sci* 45(4):478–485.  
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- 0187.** Ma Q [2008]. Xenobiotic-activated receptors: from transcription to drug metabolism to disease. *Chem Res Toxicol* 21(9):1651–1671.
- 0188.** Ma Q, Lu AYH [2008]. The challenges of dealing with promiscuous drug-metabolizing enzymes, receptors and transporters. *Curr Drug Metab* 9(5):374–383.
- 0189.** MacDonald LA, Härenstam A, Warren ND, Punnett L [2008]. Incorporating work organisation into occupational health research: an invitation for dialogue. *Occup Environ Med* 65(1):1–3.
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- 0191.** Macher J, Chen B, Rao C [2008]. Field evaluation of a personal, bioaerosol cyclone sampler. *J Occup Environ Hyg* 5(11):724–734.  
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- 0192.** MacMahon KL, Delaney LJ, Kullman G, Gibbins JD, Decker J, Kiefer MJ [2008]. Protecting poultry workers from exposure to avian influenza viruses. *Public Health Rep* 123(3):316–322.  
*NORA: Agriculture, Forestry and Fishing*
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- 0195.** Mathews R, Leiss JK, Lyden JT, Sousa S, Ratcliffe JM, Jagger J [2008]. Provision and use of personal protective equipment and safety devices in the National Study to Prevent Blood Exposure in Paramedics. *Am J Infect Control* 36(10):743–749.  
*NORA: Disease and Injury: Infectious Diseases*
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- 0197.** Mayton AG, Kittusamy NK, Ambrose DH, Jobes CC, Legault ML [2008]. Jarring/jolting exposure and musculoskeletal symptoms among farm equipment operators. *Int J Ind Ergon* 38(9–10):758–766.

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**0202.** McDowell TW, Dong RG, Xu X, Welcome DE, Warren C [2008]. An evaluation of impact wrench vibration emissions and test methods. *Ann Occup Hyg* 52(2):125–138.

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*NORA: Mining*

**0204.** McKenzie EA Jr., Ronaghi M, Powers JR Jr., Lutz TJ [2008]. Agricultural safety systems: implementing and developing industry standards. *Prof Saf* 53(6):58–62.  
*NORA: Agriculture, Forestry and Fishing: Mining*

**0205.** McKernan JL, Toraason MA, Fernback JE [2008]. Presence of airborne fibers in tungsten refining and manufacturing processes: preliminary characterization. *J Occup Environ Hyg* 5(7):463–474.  
*NORA: Manufacturing*

**0206.** McKernan LT, Hein MJ, Wallingford KM, Burge H, Herrick R [2008]. Assessing total fungal concentrations on commercial passenger aircraft using mixed-effects modeling. *J Occup Environ Hyg* 5(1):48–58.  
*NORA: Transportation, Warehousing and Utilities*

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*NORA: Manufacturing*

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*NORA: Transportation, Warehousing and Utilities*

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*NORA: Manufacturing*

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*NORA: Manufacturing*

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**0213.** Methner MM [2008]. Effectiveness of local exhaust ventilation (LEV) in controlling engineered nanomaterial emissions during reactor cleanout operations. *J Occup Environ Hyg* 5(6):D63–D69.

*NORA: Manufacturing*

**0214.** Meyer DA, Richer E, Benkovic SA, Hayashi KJ, Kansy JW, Hale CF, Moy LY, Kim Y, O'Callaghan JP, Tsai L-H, Greengard P, Nairn AC, Cowan CW, Miller DB, Antich P, Bibb JA [2008]. Striatal dysregulation of Cdk5 alters locomotor responses to cocaine, motor learning, and dendritic morphology. *Natl Acad Sci U.S.A.* 105(47):18561–18566.

*NORA: Services*

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*NORA: Services*

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**0217.** Mnatsakanov RM [2008]. Hausdorff moment problem: reconstruction of probability density functions. *Stat Probab Lett* 78(13):1867–1877.

**0218.** Mnatsakanov RM, Misra N, Lil S, Harner EJ [2008].  $\kappa_n$ -nearest neighbor estimators of entropy. *Math Methods Stat* 17(3):261–277.

**0219.** Mode NA, Conway GA [2008]. Fatalities among oil and gas extraction workers—United States, 2003–2006. *MMWR* 57(16):429–431.

*NORA: Mining: Oil and Gas Extraction*

**0220.** Molinda G [2008]. Reinforcing coal mine roof with polyurethane injection: 4 case studies. *Geotech Geol Eng* 26(5):553–566.

**0221.** Molinda G, Klemetti T [2008]. Diagnosing and controlling moisture-sensitive roof in coal mines. *Electron J Geotech Eng* 13(A):1–20.

*NORA: Mining*



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**0222.** Molinda GM, Mark C, Pappas DM, Klemetti TM [2008]. Overview of coal mine ground control issues in the Illinois basin. *Trans Soc Min Metal Explor* 324:41–48.

*NORA: Mining*

**0223.** Moore SM, Bauer ER, Steiner LJ [2008]. Prevalence and cost of cumulative injuries over two decades of technological advances: a look at underground coal mining in the U.S. *Min Eng* 60(1):46–50.

**0224.** Morris JB, Hubbs AF [2008]. Inhalation dosimetry of diacetyl and butyric acid, two components of butter flavoring vapors. *Toxicol Sci* 108(1):173–183.

**0225.** Muller V, Szabo AJ, Erdely A, Tain YL, Baylis C [2008]. Sex differences in response to cyclosporine immunosuppression in experimental kidney transplantation. *Clin Exp Pharmacol Physiol* 35(5–6):574–579.

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**0227.** Nakata A, Takahashi M, Ikeda T, Hojou M, Nigam JA, Swanson NG [2008]. Active and passive smoking and depression among Japanese workers. *Prev Med* 46(5):451–456.

**0228.** Nelson A, Collins J, Siddharthan K, Matz M, Waters T [2008]. Link between safe patient handling and patient outcomes in long-term care. *Rehabil Nurs* 33(1):33–43.

**0229.** Neton JW, Elliott LJ [2008]. The National Institute for Occupational Safety and Health radiation dose reconstruction program: commentary and conclusions. *Health Phys* 95(1):160–163.

**0230.** Neton JW, Howard J, Elliott LJ [2008]. Radiation dose reconstruction program of the National Institute for Occupational Safety and Health: overview. *Health Phys* 95(1):6–13.

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*NORA: Services*

**0232.** Noll J, Birch ME [2008]. Effects of sampling artifacts on occupational samples of diesel particulate matter. *Environ Sci Technol* 42(14):5223–5228.

*NORA: Mining*

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*NORA: Manufacturing*

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*NORA: Manufacturing*

**0235.** Old L, Dunn KH, Garcia A, Echt A [2008]. Engineering case reports—evaluation of a local exhaust ventilation system for controlling exposures during liquid flavoring production. *J Occup Environ Hyg* 5(11):D103–D110.

*NORA: Manufacturing*

**0236.** Olfert JS, Kulkarni P, Wang J [2008]. Measuring aerosol size distributions with the fast integrated mobility spectrometer. *J Aerosol Sci* 39(11):940–956.

*NORA: Manufacturing*

**0237.** Olivero OA, Ming JM, Das S, Vazquez IL, Richardson DL, Weston A, Poirier MC [2008]. Human inter-individual variability in metabolism and genotoxic response to zidovudine. *Toxicol Appl Pharmacol* 228(2):158–164.

**0238.** Pacolay BD, Ham JE, Slaven JE, Wells JR [2008]. Feasibility of detection and quantification of gas-phase carbonyls in indoor environments using PFBHA derivatization and solid-phase microextraction (SPME). *J Environ Monit* 10(7):853–860.

*NORA: Services*

**0239.** Pacurari M, Yin XJ, Ding M, Leonard SS, Schwegler-Berry D, Ducatman BS, Chirila M, Endo M, Castranova V, Vallyathan V [2008]. Oxidative and molecular interactions of multi-wall carbon nanotubes (MWCNT) in normal and malignant human mesothelial cells. *Nanotoxicology* 2(3):155–170.

*NORA: Manufacturing*

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*NORA: Manufacturing*

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*NORA: Mining*

**0242.** Page SJ, Reed R, Listak JM [2008]. An expanded model for predicting surface coal mine drill respirable dust emissions. *Int J Min Reclam Environ* 22(3):210–221.

*NORA: Mining*

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**0244.** Palmer CV, Morner E, Ortmann A, Byrne D, Ye Y, Keogh L [2008]. Is it REAL? Research evaluation for audiology literature. *Hear J* 61(10):17–28.

*NORA: Manufacturing*

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**0247.** Papp T, Schiffmann D, Weiss D, Castranova V, Vallyathan V, Rahman Q [2008]. Human health implications of nanomaterial exposure. *Nanotoxicology* 2(1):9–27.  
*NORA: Manufacturing*

**0248.** Park J-H, Cox-Ganser JM, Kreiss K, White SK, Rao CY [2008]. Hydrophilic fungi and ergosterol associated with respiratory illness in a water-damaged building. *Environ Health Perspect* 116(1):45–50.  
*NORA: Services*

**0249.** Parks C, Cooper G, Dooley M, Park M, Treadwell E, Gilkeson G [2008]. Childhood agricultural and adult occupational exposures to organic dusts in a population-based case-control study of systemic lupus erythematosus. *Lupus* 17(8):711–719.

**0250.** Perrone J, Marcus SM, Blando JD, Schill DP, Trout DB, Schulte PA, Geraci CL, Dotson GS, Hanley KW, Mead KR, Myers DVL, Curran C [2008]. Neurologic illness associated with occupational exposure to the solvent 1-bromopropane—New Jersey and Pennsylvania, 2007–2008. *MMWR* 57(48):1300–1302.  
*NORA: Manufacturing*

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*NORA: Manufacturing*

**0252.** Petersen MR, Deddens JA [2008]. A comparison of two methods for estimating prevalence ratios. *BMC Med Res Methodol* 8:9.  
*NORA: Manufacturing*

**0253.** Pinheiro GA, Antão VC, Wood JM, Wassell JT [2008]. Occupational risks for idiopathic pulmonary fibrosis mortality in the United States. *Int J Occup Environ Health* 14(2):117–123.  
*NORA: Healthcare and Social Assistance: Manufacturing*

**0254.** Porter D, Sriram K, Wolfarth M, Jefferson A, Schwegler-Berry D, Andrew M, Castranova V [2008]. A biocompatible medium for nanoparticle dispersion. *Nanotoxicology* 2(3):144–154.  
*NORA: Manufacturing*

**0255.** Porter WL, Mayton AG, O'Brien A [2008]. Ergonomic interventions at Unimin. *Trans Soc Min Metal Explor* 324:61–66.

**0256.** Potts JD, Reed WR [2008]. Horizontal air-blocking shelf reduces dust leakage from surface drill shroud. *Trans Soc Min Metal Explor* 324:55–60.

**0257.** Quick BL, Stephenson MT, Witte K, Vaught C, Booth-Butterfield S, Patel D [2008]. An examination of antecedents to coal miners' hearing protection behaviors: a test of the theory of planned behavior. *J Saf Res* 39(3):329–338.  
*NORA: Mining*

- 0258.** Rakheja S, Dong RG [2008]. Workplace vibration exposure: characterization, assessment and ergonomic interventions. *Int J Ind Ergon* 38(9–10):651.
- 0259.** Rakheja S, Mandapuram S, Dong RG [2008]. Energy absorption of seated occupants exposed to horizontal vibration and role of back support condition. *Ind Health* 46(6):550–566.
- 0260.** Reed LD [2008]. A message from the editor. *Public Health Rep* 123(3):257.
- 0261.** Reed WR, Listak JM, Page SJ, Organiscak JA [2008]. Summary of NIOSH research completed on dust control methods for surface and underground drilling. *Trans Soc Min Metal Explor* 324:32–40.
- 0262.** Reissman DB, Howard J [2008]. Responder safety and health: preparing for future disasters. *Mt Sinai J Med* 75(2):135–141.
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- 0265.** Reynolds JS, Johnson VJ, Frazer DG [2008]. Unrestrained acoustic plethysmograph for measuring specific airway resistance in mice. *J Appl Psychol* 105(2):711–717.
- 0266.** Riggs MA, Rao CY, Brown CM, Van Sickle D, Cummings KJ, Dunn KH, Deddens JA, Ferdinands J, Callahan D, Moolenaar RL, Pinkerton LE [2008]. Resident cleanup activities, characteristics of flood-damaged homes and airborne microbial concentrations in New Orleans, Louisiana, October 2005. *Environ Res* 106(3):401–409.
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- 0270.** Rodes CE, Pellizzari ED, Dellarco MJ, Erickson MD, Vallero DA, Reissman DB, Liroy PJ, Lippmann M, Burke TA, Goldstein BD [2008]. ISEA2007 panel: integration of better exposure characterizations into disaster preparedness for responders and the public. *J Expo Sci Environ Epidemiol* 18(6):541–550.
- 0271.** Ryan MJ, Dudash HJ, Docherty M, Geronilla KB, Baker BA, Haff GG, Cutlip RG, Alway SE [2008]. Aging-dependent regulation of antioxidant enzymes and redox status in chronically loaded rat dorsiflexor muscles. *J Gerontol A Biol Sci Med Sci* 63A(10):1015–1026.

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*NORA: Manufacturing*

**0273.** Sahakian N, Kullman G, Lynch D, Kreiss K [2008]. Asthma arising in flavoring-exposed food production workers. *Int J Occup Med Environ Health* 21(2):173–177.

**0274.** Sahakian NM, Park J-H, Cox-Ganser JM [2008]. Dampness and mold in the indoor environment: implications for asthma. *Immunol Allergy Clin North Am* 28(3):485–505.  
*NORA: Services*

**0275.** Sahakian NM, White SK, Park J-H, Cox-Ganser JM, Kreiss K [2008]. Identification of mold and dampness-associated respiratory morbidity in 2 schools: comparison of questionnaire survey responses to national data. *J Sch Health* 78(1):32–37.

**0276.** Salem S, Genaidy A, Albers J, Shell R, Sobeih T, Rinder MM [2008]. Use and acceptability of reduced-weight Portland cement bags in masonry construction: an observational pilot study. *Hum Factors Ergon Manuf* 18(3):253–269.

**0277.** Samanic CM, De Roos AJ, Stewart PA, Rajaraman P, Waters MA, Inskip PD [2008]. Occupational exposure to pesticides and risk of adult brain tumors. *Am J Epidemiol* 167(8):976–985.  
*NORA: Agriculture, Forestry and Fishing*

**0278.** Sapko MJ, Harteis SP, Weiss ES [2008]. Comparison of methods: dynamic versus hydrostatic testing of mine ventilation seals. *Min Eng* 60(9):147–153.  
*NORA: Mining*

**0279.** Sargent LM, Ensell MX, Ostvold AC, Baldwin KT, Kashon ML, Lowry DT, Senft JR, Jefferson AM, Johnson RC, Li Z, Tyson FL, Reynolds SH [2008]. Chromosomal changes in high- and low-invasive mouse lung adenocarcinoma cell strains derived from early passage mouse lung adenocarcinoma cell strains. *Toxicol Appl Pharmacol* 233(1):81–91.  
*NORA: Manufacturing*

**0280.** Schachter EN, Zuskin E, Arumugam U, Goswami S, Castranova V, Whitmer M, Chiarelli A [2008]. Pharmacologic effects of grain weevil extract on isolated guinea pig tracheal smooth muscle. *Lung* 186(5):317–321.  
*NORA: Manufacturing*

**0281.** Schafer MP, Kujundzic E, Moss CE, Miller SL [2008]. Method for estimating ultraviolet germicidal fluence rates in a hospital room. *Infect Control Hosp Epidemiol* 29(11):1042–1047.

**0282.** Scharf MT, Mackiewicz M, Naidoo N, O'Callaghan JP, Pack AI [2008]. AMP-activated protein kinase phosphorylation in brain is dependent on method of killing and tissue preparation. *J Neurochem* 105(3):833–841.  
*NORA: Manufacturing*

- 0283.** Scharf T, Chapman L, Collins J, Limanowski J, Heaney C, Goldenhar LM [2008]. Intervention effectiveness evaluation criteria: promoting competitions and raising the bar. *J Occup Health Psychol* 13(1):1–9.
- 0284.** Schild-Hay LJ, Leil TA, Divi RL, Olivero OA, Weston A, Poirier MC [2008]. Tamoxifen induces expression of immune response-related genes in cultured normal human mammary epithelial cells. *Cancer Res* 69(3):1150–1155.
- 0285.** Schmechel D, Green BJ, Blachere FM, Janotka E, Beezhold DH [2008]. Analytical bias of cross-reactive polyclonal antibodies for environmental immunoassays of *Alternaria alternata*. *J Allergy Clin Immunol* 121(3):763–768.  
*NORA: Services*
- 0286.** Schrader SM, Breitenstein MJ, Lowe BD [2008]. Cutting off the nose to save the penis. *J Sex Med* 5(8):1932–1940.  
*NORA: Manufacturing*
- 0287.** Schubauer-Berigan MK, Deddens JA, Steenland K, Sanderson WT, Petersen MR [2008]. Adjustment for temporal confounders in a reanalysis of a case-control study of beryllium and lung cancer. *Occup Environ Med* 65(6):379–383.
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*NORA: Manufacturing*
- 0289.** Schulte P, Geraci C, Zumwalde R, Hoover M, Castranova V, Kuempel E, Murashov V, Vainio H, Savolainen K [2008]. Sharpening the focus on occupational safety and health in nanotechnology. *Scand J Work Environ Health* 34(6):471–478.  
*NORA: Manufacturing*
- 0290.** Schulte P, Geraci C, Zumwalde R, Hoover M, Kuempel E [2008]. Occupational risk management of engineered nanoparticles. *J Occup Environ Hyg* 5(4):239–249.
- 0291.** Schulte PA, Rinehart R, Okun A, Geraci CL, Heidel DS [2008]. National prevention through design (PtD) initiative. *J Saf Res* 39(2):115–121.
- 0292.** Schulte PA, Trout D, Zumwalde RD, Kuempel E, Geraci CL, Castranova V, Mundt DJ, Mundt KA, Halperin WE [2008]. Options for occupational health surveillance of workers potentially exposed to engineered nanoparticles: state of the science. *J Occup Environ Med* 50(5):517–526.  
*NORA: Manufacturing*
- 0293.** Schulte PA, Wagner GR, Downes A, Miller DB [2008]. A framework for the concurrent consideration of occupational hazards and obesity. *Ann Occup Hyg* 52(7):555–566.  
*NORA: Services*
- 0294.** Scott DF [2008]. A case study in applied social marketing: developing an occupational safety and health product. *Soc Mark Q* 14(4):89–98.  
*NORA: Mining*

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**0295.** Shockley VE, Kathren RL, Thomas EM [2008]. Reconstruction of doses from occupationally related medical x-ray examinations. *Health Phys* 95(1):107–118.

**0296.** Shvedova AA, Fabisiak JP, Kisin ER, Murray AR, Roberts JR, Tyurina YY, Antonini JM, Feng WH, Kommineni C, Reynolds J, Barchowsky A, Castranova V, Kagan VE [2008]. Sequential exposure to carbon nanotubes and bacteria enhances pulmonary inflammation and infectivity. *Am J Respir Cell Mol Biol* 38(5):579–590.  
*NORA: Manufacturing*

**0297.** Shvedova AA, Kisin E, Murray AR, Johnson VJ, Gorelik O, Arepalli S, Hubbs AF, Mercer RR, Keohavong P, Sussman N, Jin J, Yin J, Stone S, Chen BT, Deye G, Maynard A, Castranova V, Baron PA, Kagan VE [2008]. Inhalation vs. aspiration of single-walled carbon nanotubes in C57BL/6 mice: inflammation, fibrosis, oxidative stress, and mutagenesis. *Am J Physiol Lung Cell Mol Physiol* 295(4):L552–L565.  
*NORA: Manufacturing*

**0298.** Shvedova AA, Kisin ER, Murray AR, Kommineni C, Castranova V, Fadeel B, Kagan VE [2008]. Increased accumulation of neutrophils and decreased fibrosis in the lung of NADPH oxidase-deficient C57BL/6 mice exposed to carbon nanotubes. *Toxicol Appl Pharmacol* 231(2):235–240.  
*NORA: Manufacturing*

**0299.** Siegel PD, Fedorowicz A, Butterworth L, Law B, Anderson SE, Snyder J, Beezhold D [2008]. Physical-chemical and solvent considerations in evaluating the influence of carbon chain length on the skin sensitization activity of 1-bromoalkanes. *Toxicol Sci* 107(1):78–84.

**0300.** Sigurdson AJ, Bhatti P, Preston DL, Doody MM, Karnpa D, Alexander BH, Petibone D, Yong LC, Edwards AA, Ron E, Tucker JD [2008]. Routine diagnostic x-ray examinations and increased frequency of chromosome translocations among US radiologic technologists. *Cancer Res* 68(21):8825–8831.  
*NORA: Manufacturing*

**0301.** Sigurdson AJ, Ha M, Hauptmann M, Bhatti P, Sram RJ, Beskid O, Tawn EJ, Whitehouse CA, Lindholm C, Nakano M, Kodama Y, Nakamura N, Vorobtsova I, Oestreicher U, Stephan G, Yong LC, Bauchinger M, Schmid E, Chung HW, Darroudi F, Roy L, Voisin P, Barquinero JF, Livingston G, Blakey D, Hayata I, Zhang W, Wang CY, Bennett LM, Littlefield LG, Edwards AA, Kleiner RA, Tucker JD [2008]. International study of factors affecting human chromosome translocations. *Mutat Res Genet Toxicol Environ Mutagen* 652(2):112–121.  
*NORA: Transportation, Warehousing and Utilities*

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*NORA: Agriculture, Forestry and Fishing; Construction*

**0303.** Slaven JE, Andrew ME, Violanti JM, Burchfiel CM, Mnatsakanova A, Vila BJ [2008]. Dimensional analysis of actigraphic derived sleep data. *Nonlinear Dyn Psychol Life Sci* 12(2):153–161.  
*NORA: Services*

**0304.** Slaven JE, Andrew ME, Violanti JM, Burchfiel CM, Vila BJ [2008]. Factor analysis and structural equation modeling of actigraphy derived sleep variables. *Open Sleep J* 1(5):6–10.

*NORA: Services*

**0305.** Slaven JE, Mnatsakanova A, Li S, Violanti JM, Burchfiel CM, Vila BJ, Andred ME [2008]. Waiting time distributions of actigraphy measured sleep. *Open Sleep J* 1(1):1–5.

*NORA: Services*

**0306.** Smith AC, Yuan L [2008]. Simulation of spontaneous heating in longwall gob areas with a bleederless ventilation system. *Min Eng* 60(8):61–66.

*NORA: Mining*

**0307.** Snyder JA, Demchuk E, McCanlies EC, Schuler CR, Kreiss K, Andrew ME, Frye BL, Ensey JS, Stanton ML, Weston A [2008]. Impact of negatively charged patches on the surface of MHC class II antigen-presenting proteins on risk of chronic beryllium disease. *J R Soc Interface* 5(24):749–758.

**0308.** Snyder JA, Madura JD [2008]. Interaction of the phospholipid head group with representative quartz and aluminosilicate structures: an Ab initio study. *J Phys Chem B* 112(23):7095–7103.

*NORA: Manufacturing*

**0309.** Stayner LT, Kuempel E, Gilbert S, Hein M, Dement J [2008]. An epidemiologic study of the role of chrysotile asbestos fiber dimensions in determining respiratory disease risk in exposed workers. *Occup Environ Med* 65(9):613–619.

*NORA: All Sectors: Manufacturing: Mining*

**0310.** Steenland K, Pinkerton LE [2008]. Mortality patterns following downsizing at Pan American World Airways. *Am J Epidemiol* 167(1):1–6.

*NORA: Transportation, Warehousing and Utilities*

**0311.** Stefaniak AB, Chipera SJ, Day GA, Sabey P, Dickerson RM, Sbarra DC, Duling MG, Lawrence RB, Stanton ML, Scripsick RC [2008]. Physicochemical characteristics of aerosol particles generated during the milling of beryllium silicate ores: implications for risk assessment. *J Toxicol Environ Health, A* 71(22):1468–1481.

*NORA: Manufacturing*

**0312.** Stefaniak AB, Turk GC, Dickerson RM, Hoover MD [2008]. Size-selective poorly soluble particulate reference materials for evaluation of quantitative analytical methods. *Anal Bioanal Chem* 391(6):2071–2077.

**0313.** Steiner AZ, Baird DD, Kesner JS [2008]. Mother's menopausal age is associated with her daughter's early follicular phase urinary follicle-stimulating hormone level. *Menopause* 15(5):940–944.

*NORA: Agriculture, Forestry and Fishing*



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**0314.** Stellman JM, Smith RP, Katz CL, Sharma V, Charney DS, Herbert R, Moline J, Luft BJ, Markowitz S, Udasin I, Harrison D, Baron S, Landrigan PJ, Levin SM, Southwick S [2008]. Enduring mental health morbidity and social function impairment in World Trade Center rescue, recovery, and cleanup workers: the psychological dimension of an environmental health disaster. *Environ Health Perspect* 116(9):1248–1253.

*NORA: Services*

**0315.** Stettler LE, Sharpnack DD, Krieg EF [2008]. Chronic inhalation of short asbestos: lung fiber burdens and histopathology for monkeys maintained for 11.5 years after exposure. *Inhal Toxicol* 20(1):63–73.

**0316.** Stout NA [2008]. The public health approach to occupational injury research: from surveillance to prevention. *Saf Sci* 46(2):230–233.

**0317.** Sublet VH, Lum MR [2008]. Use of health communication and social marketing principles in planning occupational safety and health interventions. *Soc Mark Q* 14(4):45–70.

**0318.** Syamlal G, Mazurek JM [2008]. Prevalence of asthma among youth on Hispanic-operated farms in the United States—2000. *J Agromed* 13(3):155–164.

**0319.** Szabo AJ, Muller V, Chen GF, Samsell LJ, Erdely A, Baylis C [2008]. Nephron number determines susceptibility to renal mass reduction-induced CKD in Lewis and Fisher 344 rats: implications for development of experimentally induced chronic allograft nephropathy. *Nephrol Dial Transplant* 23(8):2492–2495.

**0320.** Tak S, Calvert GM [2008]. Hearing difficulty attributable to employment by industry and occupation: an analysis of the National Health Interview Survey—United States, 1997 to 2003. *J Occup Environ Med* 50(1):46–56.

*NORA: Services*

**0321.** Tak SW, Roscoe RJ, Alarcon W, Ju J, Sestito JP, Sussell AL, Calvert GM [2008]. Characteristics of US workers whose blood lead levels trigger the medical removal protection provision, and conformity with biological monitoring requirements, 2003–2005. *Am J Ind Med* 51(9):691–700.

*NORA: Healthcare and Social Assistance: Services*

**0322.** Torma-Krajewski J, Lehman M [2008]. Ergonomics interventions at Badger Mining Corporation. *Int J Occup Saf Ergon* 14(3):351–359.

**0323.** Trevits MA, McCartney C [2008]. Use of Rocsil<sup>®</sup> foam to remotely construct mine seals. *Trans Soc Min Metal Explor* 324:89–93.

*NORA: Mining*

**0324.** Tuchman DP, Volkwein JC, Vinson RP [2008]. Implementing infrared determination of quartz particulates on novel filters for a prototype dust monitor. *J Environ Monit* 10(5):671–678.

**0325.** Tucker SP [2008]. Determination of ortho-phthalaldehyde in air and on surfaces. *J Environ Monit* 10(11):1337–1349.

*NORA: Healthcare and Social Assistance*

**0326.** Turner NL, Wassell JT, Whisler R, Zwiener J [2008]. Suspension tolerance in a full-body safety harness, and a prototype harness accessory. *J Occup Environ Hyg* 5(4):227–231.

**0327.** Ulsh BA, Rich BL, Chew MH, Morris RL, Sharfi M, Rolfes MR [2008]. Establishing bounding internal dose estimates for thorium activities at Rocky Flats. *Health Phys* 95(1):81–88.

**0328.** Vaught C, Peters R, Hall E, Volkwein J [2008]. Coal miner responses to the personal dust monitor. *Coal Age* 113(4):42–47.

*NORA: Mining*

**0329.** Velan SS, Pichumani K, Murray D, Raylman RR, Scott T, Manivannan A, Halliburton L [2008]. Magnetic resonance spectroscopy with longitudinal multispin orders. *Curr Anal Chem* 4(1):40–54.

*NORA: Mining*

**0330.** Violanti JM, Charles LE, Hartley TA, Mnatsakanova A, Andrew ME, Fekedulegn D, Vila B, Burchfiel CM [2008]. Shift-work and suicide ideation among police officers. *Am J Ind Med* 51(10):758–768.

*NORA: Services*

**0331.** Vojtko MR, Roberge MR, Vojtko RJ, Roberge RJ, Landsittel DP [2008]. Effect on breathing resistance of a surgical mask worn over a N95 filtering facepiece respirator. *J Int Soc Respir Prot* 25:1–8.

**0332.** Volkwein JC, Mischler SE, Davies B, Ellis C [2008]. Field measurement of diesel particulate matter emissions. *Ann Occup Hyg* 52(2):99–105.

**0333.** Vrijheid M, Cardis E, Ashmore P, Auvinen A, Gilbert E, Habib RR, Malke H, Muirhead CR, Richardson DB, Rogel A, Schubauer-Berigan M, Tardy H, Telle-Lamberton M [2008]. Ionizing radiation and risk of chronic lymphocytic leukemia in the 15-country study of nuclear industry workers. *Radiat Res* 170(5):661–665.

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**0334.** Wagner GR [2008]. Thinking longitudinally in a cross-sectional world. *Am J Respir Crit Care Med* 177(6):565–566.

**0335.** Wang L, Chanvorachote P, Toledo D, Stehlik C, Mercer RR, Castranova V, Rojanasakul Y [2008]. Peroxide is a key mediator of Bcl-2 down-regulation and apoptosis induction by cisplatin in human lung cancer cells. *Mol Pharmacol* 73(1):119–127.

*NORA: Manufacturing*

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**0431.** NIOSH [2008]. Stone operator mining facts—2005. Pittsburgh, PA: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2008–153.

*NORA: Mining*

**0432.** NIOSH [2008]. Sand & gravel operator mining facts—2005. Pittsburgh, PA: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2008–154.

*NORA: Mining*

**0433.** NIOSH [2008]. Coal contractor mining facts—2005. Pittsburgh, PA: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2008–155.

*NORA: Mining*

**0434.** NIOSH [2008]. Noncoal contractor mining facts—2005. Pittsburgh, PA: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2008–156.

*NORA: Mining*

### ***III. NIOSH Numbered Publications***

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*NORA: Mining*

**0436.** NIOSH [2008]. Mining facts—2006. Pittsburgh, PA: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2008–158.

*NORA: Mining*

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*NORA: Mining*

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*NORA: Mining*

**0439.** NIOSH [2008]. Nonmetal operator mining facts—2006. Pittsburgh, PA: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2008–161.

*NORA: Mining*

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*NORA: Mining*

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*NORA: Mining*

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*NORA: Mining*

**0443.** NIOSH [2008]. Noncoal contractor mining facts—2006. Pittsburgh, PA: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2008–165.

*NORA: Mining*

**0444.** NIOSH [2008]. Underground and surface mining facts—2006. Pittsburgh, PA: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2008–166.

*NORA: Mining*

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*NORA: Services*

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**0449.** NIOSH [2008]. Personal protective equipment for health care workers who work with hazardous drugs. By Connor TH, Reed LD, Polovich M, McDiarmid MA, Leone MM, Power LA, Whalen JJ. Cincinnati, OH: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2009–106.

*NORA: Healthcare and Social Assistance*

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*NORA: Healthcare and Social Assistance*

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*NORA: Mining*

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*NORA: Mining*

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*NORA: Manufacturing*

**0456.** Akgul Y, Derk RC, Murono EP [2008]. The effects of *in vivo* exposure of methoxychlor to immature rats on serum progesterone and estradiol levels and the *ex vivo* formation of progesterone by theca-interstitial cells [Abstract]. *Toxicologist* 102(1):234.

*NORA: Agriculture, Forestry and Fishing; Manufacturing*

**0457.** Anderson S, Brown K, Butterworth L, Fedorowicz A, Beezhold D, Munson AE, Meade BJ [2008]. Evaluation of irritancy and the sensitization potential of metal working fluids and metal working fluid components [Abstract]. *Toxicologist* 102(1):270.

*NORA: Healthcare and Social Assistance; Services*

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*NORA: Construction; Manufacturing*

**0459.** Antonini JM, Stone S, Chen B, Roberts JR, Schwegler-Berry D, Moseley A, Donlin M, Cumpston J, Afshari A, Frazer DG [2008]. Pulmonary effects and tissue distribution of metals after inhalation of mild steel welding fume [Abstract]. *Am J Respir Crit Care Med* 177:A910.

*NORA: Construction; Manufacturing*

**0460.** Attfield MD, Bang KM, Petsonk EL, Mazurek JM [2008]. Pneumoconiosis mortality and morbidity trends in the United States, 1968–2004. In: *Proceedings of the XVIIIth World Congress on Safety and Health at Work*. Soul, Korea: Korea Occupational Safety and Health Agency, 5 pages.

**0461.** Azman AS [2008]. Sound restoration hearing protection: genesis of a standard test method. In: Burroughs C, Lim T, Kim J, Maling G, eds. *Proceedings of the NOISE-CON Conference*. Indianapolis, IN: Institute of Noise Control Engineering of the USA, 10 pages.

*NORA: Mining*

**0462.** Bajpayee TS, Iannacchione AT, Schilling SR [2008]. Detecting strata fracturing and roof failures from a borehole-based microseismic system. In: Peng SS, Mark C, Finfinger GL, Tadolini SC, Khair AW, Heasley KA, Luo Y, eds. *Proceedings of the 27th International Conference on Ground Control in Mining*. Morgantown, WV: West Virginia University, pp. 313–318.

*NORA: Mining*

**0463.** Barczak TM, Batchler TJ [2008]. Comparison of the transverse load capacities of various block ventilation stoppings under arch loading conditions. In: Wallace KG Jr., ed. *Proceedings of the 12th U.S./North American Mine Ventilation Symposium*. Reno, NV: University of Nevada–Reno, pp. 225–231.

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*NORA: Mining*

**0465.** Barczak TM, Tadolini SC [2008]. Pumpable roof supports: an evolution in longwall roof support technology. In: SME Annual Meeting and Exhibit. Preprint 08-034. Littleton, CO: Society for Mining, Metallurgy, and Exploration, Inc., 13 pages.

*NORA: Mining*

**0466.** Bartels JR, Ambrose DH, Gallagher S [2008]. Analyzing factors influencing struck-by accidents of a moving mining machine by using motion capture and DHM simulations. In: Proceedings of the Digital Human Modeling for Design and Engineering Conference and Exhibition. Technical paper 2008–01–1911, Warrendale, PA: Society of Automotive Engineers, 6 pages.

*NORA: Mining*

**0467.** Barton TM, Bhatt SK, Molinda GM, Mark C [2008]. Effects of specimen age on the uniaxial compressive strength and moisture content of weak coal measure rocks. In: Peng SS, Mark C, Finfinger GL, Tadolini SC, Khair AW, Heasley KA, Luo Y, eds. Proceedings of the 27th International Conference on Ground Control in Mining. Morgantown, WV: West Virginia University, pp. 332–337.

*NORA: Mining*

**0468.** Batchler TJ, Barczak TM [2008]. Impact of deformable materials and convergence on the transverse load capacity of mine ventilation stoppings. In: Wallace KG Jr., ed. Proceedings of the 12th U.S./North American Mine Ventilation Symposium. Reno, NV: University of Nevada–Reno, pp. 239–244.

**0469.** Bauer ER, Spencer ER [2008]. A snapshot of noise and worker exposures in sand & gravel operations. In: SME Annual Meeting and Exhibit. Preprint 08-018. Littleton, CO: Society for Mining, Metallurgy, and Exploration, Inc., 9 pages.

*NORA: Mining*

**0470.** Bealko SB [2008]. Mining haul truck cab noise: an evaluation of three acoustical environments. In: SME Annual Meeting and Exhibit. Preprint 08-002. Littleton, CO: Society for Mining, Metallurgy, and Exploration, Inc., 6 pages.

*NORA: Mining*

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*NORA: Services*

**0472.** Benkovic SA, O'Callaghan JP, Miller DB [2008]. Multiple histological markers reveal subpopulations of microglia respond differentially to excitotoxicity and corticosteroid treatment.

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*NORA: Services*

**0473.** Biagini RE, Smith JP, Sammons DL, Mackenzie BA, Parks CG [2008]. Elevated serum IgE concentrations in systemic lupus erythematosus are related to history of childhood allergy, asthma, and hives [Abstract]. *J Allergy Clin Immunol* 121(2)(Suppl 1):S228.

*NORA: Healthcare and Social Assistance*

**0474.** Bobick T, McKenzie T, Cantis D, Edgell D [2008]. NIOSH-designed adjustable roof bracket-safety rail assembly. In: Proceedings of the 18th Annual Construction Safety Conference and Exposition. Hillside, IL: The Construction Safety Council, pp. 150–154.

*NORA: Construction*

**0475.** Bruening DA, Crewe AN, Buczek FL [2008]. A simple, anatomically based correction to the conventional ankle joint center. In: Proceedings of the North American Congress on Biomechanics. Newark, DE and Ottawa, ON, Canada: The American Society of Biomechanics and The Canadian Society for Biomechanics, 2 pages.

**0476.** Bugarski AD, Schnakenberg GH Jr., Cauda E [2008]. Effects of sintered metal diesel particulate filter system on diesel aerosols and nitric oxides in mine air. In: Wallace KG Jr., ed. Proceedings of the 12th U.S./North American Mine Ventilation Symposium. Reno, NV: University of Nevada–Reno, pp. 337–345.

*NORA: Mining*

**0477.** Camargo HE, Ravetta PA, Burdisso RA, Smith AK [2008]. Application of phased array technology for identification of low frequency noise sources. In: Proceedings of the 13th International Conference on Low-Frequency Noise and Vibration and Its Control. Tokyo, Japan: Institute of Noise Control Engineering of Japan, pp. 88–96.

*NORA: Mining*

**0478.** Camargo HE, Smith AK, Kovalchik PG, Matetic RJ [2008]. Noise source identification on a continuous mining machine. In: Burroughs C, Lim T, Kim J, Maling G, eds. Proceedings of the NOISE-CON Conference. Indianapolis, IN: Institute of Noise Control Engineering of the USA, 8 pages.

*NORA: Mining*

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*NORA: Manufacturing*

**0480.** Cecala AB, Pollock DE, Zimmer JA, O'Brien AD, Fox WR [2008]. Reducing dust exposure from contaminated work clothing with a stand-alone cleaning system. In: Wallace KG Jr., ed. Proceedings of the 12th U.S./North American Mine Ventilation Symposium. Reno, NV: University of Nevada–Reno, pp. 637–643.

*NORA: Mining*

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*NORA: Mining*

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*NORA: Healthcare and Social Assistance: Services*

**0483.** Colinet JF, Rider JP, Thimons ED [2008]. Controlling respirable dust in underground coal mines in the United States. In: Sobczyk EJ, Kicki J, eds. Proceedings of the 21st World Mining Congress. London, England: Taylor & Francis Group, pp. 231–238.

*NORA: Mining*

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*NORA: Healthcare and Social Assistance*

**0485.** Ding M, Zhao J, Bowman L, Leonard S, Lu Y, Kisin E, Murray A, Vallyathan V, Castranova V, Shvedova A [2008]. Induction of AP-1-MAPKs and NF- $\kappa$ B signal pathways by tungsten carbide-cobalt particles [Abstract]. *Toxicologist* 102(1):212.

*NORA: Manufacturing*

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*NORA: Manufacturing*

**0487.** Dong RG, Welcome DE, McDowell TW, Warren C, Wu JZ [2008]. A new biodynamic approach to predict the vibration transmissibility of a glove. In: Proceedings of the 2nd American Conference on Human Vibration. Chicago, IL: University of Illinois at Chicago, 1 page.

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*NORA: Manufacturing*

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*NORA: Manufacturing*

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*NORA: Mining*

**0492.** Esterhuizen GS, Dolinar DR, Iannacchione AT [2008]. Field observations and numerical studies of horizontal stress effects on roof stability in U.S. limestone mines. Proceedings of the 6th International Symposium on Ground Support in Mining and Civil Engineering Construction. Johannesburg, Republic of South Africa: The South African Institute of Mining and Metallurgy, pp. 103–118.

*NORA: Mining*

**0493.** Feng W, Konduru NV, Tyurina YY, Clark K, Stolz DB, Bayir H, Fadeel B, Shvedova AA, Kagan VE [2008]. Involvement of endocytosis in uptake of phosphatidylserine-coated single-walled carbon nanotubes by RAW 264.7 macrophages [Abstract]. Toxicologist 102(1):213.

*NORA: Manufacturing*

**0494.** Franks RA, Friel GF, Edwards JC, Smith AC [2008]. In-mine evaluation of smart mine fire sensor. In: SME Annual Meeting and Exhibit. Preprint 08-053. Littleton, CO: Society for Mining, Metallurgy, and Exploration, Inc., 7 pages.

*NORA: Mining*

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*NORA: Construction*

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*NORA: Mining*

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*NORA: Agriculture, Forestry and Fishing*

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*NORA: Construction: Manufacturing*

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*NORA: Construction: Manufacturing*

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*NORA: Mining*

**0501.** Grau RH III, Krog RB [2008]. Using mine planning and other techniques to improve ventilation in large-opening mines. In: SME Annual Meeting and Exhibit. Preprint 08-060. Littleton, CO: Society for Mining, Metallurgy, and Exploration, Inc., 4 pages.

*NORA: Mining*

**0502.** Green BJ, Hettick JM, Schmechel D, Kashon ML, Slaven JE, Blachere FM, Buskirk A, Janotka E, Siegel PD, Beezhold DH [2008]. Identifying fungal isolates using matrix-assisted laser desorption/ionization time-of-flight mass spectrometry [Abstract]. J Allergy Clin Immunol 121(2)(Suppl 1):S270.

**0503.** Green JD, Ammons DE, Isaacs AJ, Moore PH, Whisler RL, White JE [2008]. Creating a safe work environment for emergency medical service workers. In: Proceedings of the American Society of Safety Engineers Professional Development Conference. Des Plaines, IL: American Society of Safety Engineers, 20 pages.

*NORA: Services*

**0504.** Gürtunca RG [2008]. Possible impact of new safety technology developments on the future of the United States mining industry. In: Saydam S, ed. Proceedings of the 1st International Future Mining Conference and Exhibition. Carlton, Victoria, Australia: Australasian Institute of Mining and Metallurgy, pp. 3–9.

*NORA: Mining*

**0505.** Harris ML, Sapko MJ, Cashdollar KL, Verakis HC [2008]. Field evaluation of the coal dust explosibility meter (CDEM). In: SME Annual Meeting and Exhibit. Preprint 08-040. Littleton, CO: Society for Mining, Metallurgy, and Exploration, Inc., 5 pages.

*NORA: Mining*

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**0507.** Hein MJ, Deddens JA, Schubauer-Berigan MK [2008]. Bias from matching on age at death or censor in nested case-control studies [Abstract]. Am J Epidemiol 167(Suppl 11):S112.

**0508.** Hendricks KJ [2008]. Injuries among youth living on farms in the United States, 2006. In: Proceedings of the National Institute for Farm Safety (NIFS) Annual Conference. Urbana, IL: National Institute for Farm Safety, Inc., 16 pages.

*NORA: Agriculture, Forestry and Fishing*

**0509.** Hsiao H, Simeonov P, Pizatella T, Stout N, McDougall V, Weeks J [2008]. Ladder safety innovations research at NIOSH. In: Proceedings of the 18th Annual Construction Safety Conference and Exposition. Hillside, IL: The Construction Safety Council, pp. 35–43.

*NORA: Construction*

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*NORA: Mining*

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*NORA: Mining*

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*NORA: Mining*

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*NORA: Mining*

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*NORA: Services*

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*NORA: Manufacturing*

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*NORA: Mining*



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*NORA: Mining*

**0519.** Karacan CÖ, Goodman GVR [2008]. Coalbed discontinuity effects on the production of degasification boreholes and on emissions during longwall mining. In: Proceedings of the SPE Eastern Regional/AAPG Eastern Section Joint Meeting. Richardson, TX: Society of Petroleum Engineers, 13 pages.

*NORA: Mining*

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*NORA: Healthcare and Social Assistance: Services*

**0522.** Kisin E, Murray A, Keane M, Shi X, Schwegler-Berry D, Gorelik O, Arepalli S, Castranova V, Wallace W, Kagan V, Shvedova A [2008]. Single-walled carbon nanotubes: geno- and cyto-toxic effects in lung fibroblast V79 cells [Abstract]. Toxicologist 102(1):90.

*NORA: Manufacturing*

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*NORA: Manufacturing*

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*NORA: Manufacturing*

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*NORA: Manufacturing*

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*NORA: Healthcare and Social Assistance*

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*NORA: Manufacturing*

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*NORA: Construction*

**0529.** Listak JM, Beck TW [2008]. Laboratory and field evaluation of dust collector bags for reducing dust exposure of roof bolter operators. In: SME Annual Meeting and Exhibit. Preprint 08-006. Littleton, CO: Society for Mining, Metallurgy, and Exploration, Inc., 6 pages.

*NORA: Mining*

**0530.** Ma JY, Zhao H, Barger M, Castranova V, Ma JK [2008]. Effects of cerium oxide on rat primary alveolar macrophages [Abstract]. Toxicologist 102(1):310.

*NORA: Mining: Transportation, Warehousing and Utilities*

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**0532.** MacDonald LA [2008]. NIOSH work organization measures inventory: developmental status and future directions. In: Proceedings of the Healthy and Safe Work Through Research, Practice and Partnerships Conference. Washington, DC: American Psychological Association, 1 page.

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*NORA: Mining*

**0534.** Mallett L, Orr TJ [2008]. Working in the classroom—a vision of miner training in the 21st century. In: Saydam S, ed. Proceedings of the 1st International Future Mining Conference and Exhibition. Victoria, Australia: Australasian Institute of Mining and Metallurgy, pp. 83–89.

*NORA: Mining*

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*NORA: Mining*

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*NORA: Mining*

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*NORA: Mining*

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*NORA: Services*

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*NORA: Healthcare and Social Assistance: Manufacturing*

**0540.** McClean KM, Petsonk EL, Cardwell CR, Kee F, Young IS, Wang ML, Elborn JS [2008]. Lung function and the distribution of weight in middle-aged men [Abstract]. *Am J Respir Crit Care Med* 177(9):A832.

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*NORA: Mining*

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*NORA: Manufacturing*

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*NORA: Manufacturing*

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*NORA: Services*

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*NORA: Mining*

**0547.** Morris JB, Hubbs AF [2008]. Nasal uptake of diacetyl and butyric acid vapors [Abstract]. *Toxicologist* 102(1):224.

*NORA: Manufacturing*

**0548.** Murphy MM, Iannacchione AT, Westman EC, Chapman MC [2008]. Analysis of seismic signatures from gas and dust based explosions at the Lake Lynn Experimental Mine. In: SME Annual Meeting and Exhibit. Preprint 08-009. Littleton, CO: Society for Mining, Metallurgy, and Exploration, Inc., 7 pages.

*NORA: Mining*

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*NORA: Manufacturing*

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*NORA: Agriculture, Forestry and Fishing*

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*NORA: Manufacturing: Services*

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*NORA: Mining*

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*NORA: Manufacturing*

**0554.** O'Callaghan JP [2008]. Defining "neuroinflammation": lessons from MPTP- and methamphetamine-induced neurotoxicity [Abstract]. *Toxicologist* 102(1):419.

*NORA: Manufacturing*

**0555.** Organiscak JA, Cecala AB [2008]. Laboratory investigation of enclosed cab filtration system performance factors. In: SME Annual Meeting and Exhibit. Preprint 08-048. Littleton, CO: Society for Mining, Metallurgy, and Exploration, Inc., 5 pages.

*NORA: Mining*

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*NORA: Mining*

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*NORA: Mining*

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*NORA: Manufacturing*

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*NORA: Manufacturing*

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*NORA: Mining*

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*NORA: Manufacturing*

**0564.** Roberts JR, Schwegler-Berry D, Leonard SS, Karim A, Tirumala V, Antonini JM, Castranova V [2008]. Pulmonary toxicity associated with nondispersed titanium dioxide nanorods [Abstract]. *Toxicologist* 102(1):308.

*NORA: Manufacturing*

**0565.** Ruder AM [2008]. The Upper Midwest Health Study: gliomas and farm crops, animals, and activities [Abstract]. *Occup Environ Med* 65(9)(Suppl):We-O-39.

*NORA: Agriculture, Forestry and Fishing*

**0566.** Ruff T [2008]. Feasibility of using intelligent video for machine safety applications. In: Proceedings of the IEEE 43rd IAS Annual Meeting. Piscataway, NJ: Institute of Electrical and Electronics Engineers, 5 pages.

*NORA: Mining*

**0567.** Sager TM, Porter D, Castranova V [2008]. Pulmonary response to intratracheal instillation of fine or ultrafine carbon black or titanium dioxide: role of surface area [Abstract]. Toxicologist 102(1):305–306.

*NORA: Manufacturing*

**0568.** Sammarco JJ, Reyes M, Bartels J, Gallagher S [2008]. Evaluation of peripheral visual performance when using incandescent and LED miner cap lamps. In: Proceedings of the IEEE 43rd IAS Annual Meeting. Piscataway, NJ: Institute of Electrical and Electronics Engineers, 8 pages.

*NORA: Mining*

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*NORA: Mining*

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*NORA: Manufacturing*

**0571.** Schatzel SJ, Karacan CÖ, Goodman GVR, Mainiero R, Garcia F [2008]. The borehole monitoring experiment: field measurements of reservoir conditions and responses in longwall panel overburden during active mining. In: Wallace KG Jr., ed. Proceedings of the 12th U.S./North American Mine Ventilation Symposium. Reno, NV: University of Nevada–Reno, pp. 93–101.

*NORA: Mining*

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**0573.** Sercombe JK, Green BJ, Rimmer J, Burton PK, Katelaris CH, Tovey ER [2008]. Atopic human IgE binding to *Platanus* sp. aeroallergens identified by the halogen immunoassay [Abstract]. J Allergy Clin Immunol 121(2)(Suppl 1):S20.

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*NORA: Manufacturing*

**0576.** Smith AC, Yuan L [2008]. Simulation of spontaneous heating in longwall gob areas with a bleederless ventilation system. In: SME Annual Meeting and Exhibit. Preprint 08-043. Littleton, CO: Society for Mining, Metallurgy, and Exploration, Inc., 6 pages.

*NORA: Mining*

**0577.** Smith AK, Peterson JS, Kovalchik PG [2008]. Continuous mining machine conveyor system sound power levels. In: Burroughs C, Lim T, Kim J, Maling G, eds. Proceedings of the NOISE-CON Conference. Indianapolis, IN: Institute of Noise Control Engineering of the USA, 8 pages.

*NORA: Mining*

**0578.** Spencer ER, Reeves E [2008]. An assessment of engineering noise controls at a talc processing plant. In: SME Annual Meeting and Exhibit. Preprint 08-033. Littleton, CO: Society for Mining, Metallurgy, and Exploration, Inc., 8 pages.

*NORA: Mining*

**0579.** Sullivan PA, Cooper G [2008]. Rheumatoid arthritis in an asbestos-exposed occupational cohort [Abstract]. *Am J Epidemiol* 167(Suppl 11):S117.

**0580.** Swanson P, Stewart C, Koontz W [2008]. Monitoring coal mine seismicity with an automated wireless digital strong-motion network. In: Peng SS, Mark C, Finfinger GL, Tadolini SC, Khair AW, Heasley KA, Luo Y, eds. Proceedings of the 27th International Conference on Ground Control in Mining. Morgantown, WV: West Virginia University, pp. 79–86.

*NORA: Mining*

**0581.** Tackett JA, Lawson CC, Whelan EA, Hibert EN, Grajewski B, Spiegelman D, Rich-Edwards JW [2008]. Occupational risk factors and low birthweight in the Nurses' Health Study II cohort [Abstract]. *Am J Epidemiol* 167(Suppl 11):S22.

*NORA: Healthcare and Social Assistance*

**0582.** Tadolini SC, Barczak TM [2008]. Rock mass behavior and support response in a longwall panel pre-driven recovery room. In: Proceedings of the 6th International Symposium on Ground Support in Mining and Civil Engineering Construction. Johannesburg, Republic of South Africa: The South African Institute of Mining and Metallurgy, pp. 167–182.

*NORA: Mining*

**0583.** Tarantino LM, Hubbs AF, Hoover MD, Delano DL, Wiltshire T, Gordon T [2008]. Beryllium-induced sensitization and granulomatous lung disease in murine models [Abstract]. *Toxicologist* 102(1):223.

**0584.** Taylor CD, Chilton JE, Martikainen AL [2008]. Use of infrared sensors for monitoring methane in underground mines. In: Wallace KG Jr., ed. Proceedings of the 12th U.S./North American Mine Ventilation Symposium. Reno, NV: University of Nevada–Reno, pp. 307–312.  
*NORA: Mining*

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*NORA: Mining*

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*NORA: Mining*

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*NORA: Mining*

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*NORA: Mining*

**0589.** Volkwein JC [2008]. Analysis of particulate contamination in personal dust monitor sampling. In: Wallace KG Jr., ed. Proceedings of the 12th U.S./North American Mine Ventilation Symposium. Reno, NV: University of Nevada–Reno, pp. 353–358.  
*NORA: Mining*

**0590.** Wala AM, Vytla S, Huang G, Taylor CD [2008]. Study on the effects of scrubber operation on the face ventilation. In: Wallace KG Jr., ed. Proceedings of the 12th U.S./North American Mine Ventilation Symposium. Reno, NV: University of Nevada–Reno, pp. 281–286.  
*NORA: Mining*

**0591.** Wang L, Castranova V, Rojanasakul Y, Lu Y, Scabilloni JF, Mercer RR [2008]. Direct fibrogenic effects of dispersed single walled carbon nanotubes on human lung fibroblasts [Abstract]. Toxicologist 102(1):307.  
*NORA: Manufacturing*

**0592.** Ward R, Shi X, Castranova V, Qian Y [2008]. Arsenic induced an increase in endothelial cell permeability: involvement of cytoskeleton signaling [Abstract]. Toxicologist 102(1):334.  
*NORA: Manufacturing*

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*NORA: Mining*

**0594.** Whelan EA, Silver SR, Deddens JA, Steenland K, Nilsen N, Waters MA, Prince M, Ruder A, Yong LC, Hein MJ, Ward EM [2008]. Occupational exposure to polychlorinated biphenyls and risk of breast cancer [Abstract]. *Occup Environ Med* 65(9)(Suppl):Mo–P–6.

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*NORA: Mining*

**0596.** Whyatt J, Varley F [2008]. Catastrophic failures of underground evaporite mines.

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*NORA: Mining*

**0597.** Wimer BM, Welcome DE, Warren C, McDowell TW, Dong RG [2008]. A preliminary investigation on the grip force applied on a cylindrical handle. In: *Proceedings of the ASME Summer Bioengineering Conference*. New York: American Society of Mechanical Engineers, 2 pages.

**0598.** Wu JZ, An K-N, Cutlip RG [2008]. A practical model of the muscle/tendon moment arms in a thumb. In: *Proceedings of the North American Congress on Biomechanics*. Newark, DE and Ottawa, ON, Canada: The American Society of Biomechanics and The Canadian Society for Biomechanics, 2 pages.

*NORA: Construction*

**0599.** Wu JZ, Chiou SS, Pan CS [2008]. Analysis of the effects of stilts walking on joint moments in low extremities. In: *Proceedings of the North American Congress on Biomechanics*. Newark, DE and Ottawa, ON, Canada: The American Society of Biomechanics and The Canadian Society for Biomechanics, 2 pages.

*NORA: Construction*

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*NORA: Construction*

**0601.** Xu XS, Welcome DE, McDowell TW, Warren C, Dong RG [2008]. Vibration transmitted from an impact wrench to the human wrist and elbow. In: *Proceedings of the 2nd American Conference on Human Vibration*. Chicago, IL: University of Illinois at Chicago, 2 pages.

**0602.** Yantek DS, Camargo HE, Matetic RJ [2008]. Application of a microphone phased array to identify noise sources on a horizontal vibrating screen. In: Burroughs C, Lim T, Kim J, Maling G, eds. Proceedings of the NOISE-CON Conference. Indianapolis, IN: Institute of Noise Control Engineering of the USA, 15 pages.

*NORA: Mining*

**0603.** Young S, Cox-Ganser JM, Wolfarth M, Antonini JM, Castranova V, Park J [2008]. Use of a mouse model to evaluate pulmonary inflammation caused by floor dust from a water-damaged building [Abstract]. *Toxicologist* 102(1):223.

*NORA: Manufacturing*

**0604.** Yuan BZ, Chapman J, Reynolds S [2008]. Culmination of MG132-induced apoptosis in human lung cancer NCI-H1703 cells depends on a positive feedback of caspase activation and Mcl-1 cleavage. In: Proceedings of the American Association for Cancer Research (AACR) 99th Annual Meeting. Abstract 3352. Philadelphia, PA: American Association for Cancer Research 49:796.

**0605.** Yuan L, Smith AC [2008]. Effects of ventilation and gob characteristics on spontaneous heating in longwall gob areas. In: Wallace KG Jr., ed. Proceedings of the 12th U.S./North American Mine Ventilation Symposium. Reno, NV: University of Nevada–Reno, pp. 141–147.

*NORA: Mining*

**0606.** Yucesoy B, Johnson VJ, Fluharty K, Kashon ML, Slaven J, Kissling G, Germolec D, Vallyathan V, Luster MI [2008]. Genetic risk factors in progressive massive fibrosis in coal miners [Abstract]. *Toxicologist* 102(1):83.

**0607.** Zeidler-Erdely PC, Stone S, Donlin M, Moseley A, Cumpston J, Chen BT, Frazer DG, Young S, Antonini JM [2008]. Inhalation of stainless steel welding fume results in dissimilar inflammatory responses in the lungs of A/J and C57BL/6J mice [Abstract]. *Toxicologist* 102(1):222.

*NORA: Construction: Manufacturing*

**0608.** Zhao J, Bowman L, Zhang X, Ding M [2008]. Titanium dioxide nanoparticles induce JB6 cell apoptosis through activation of the caspase-8/Bid pathway [Abstract]. *Toxicologist* 102(1):72.

*NORA: Manufacturing*

**0609.** Zhao Z, Bi Y, Xia Y, Tao N, He X, Ma Q [2008]. Elevated expression of CYP4F3 associated with occupational benzene-induced hepatotoxicity and induction of CYP4F3 by benzene metabolites in HL60 cells [Abstract]. *FASEB J* 22(3)(1):921.4.

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## V. CONTROL TECHNOLOGY REPORTS

**0611.** NIOSH [2008]. In-depth survey report: styrene and noise exposures during fiber reinforced plastic boat manufacturing at Grady-White Boats, Inc., Greenville, North Carolina. By Hammond D, Blade LM, Garcia A, Feng HA, Morata TC, Kardous CA. Cincinnati, OH: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Control Technology Report No. EPHB-306-12b.

*NORA: Manufacturing*

**0612.** NIOSH [2008]. Walk-through survey report: styrene exposures during fiber reinforced wind blade manufacturing at LM Glasfiber, Grand Forks, North Dakota. By Hammond D, Blade LM. Cincinnati, OH: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Control Technology Report No. EPHB-306-19a.

*NORA: Manufacturing*

**0613.** NIOSH [2008]. In-depth survey report: evaluation of engineering controls for the mixing of flavoring chemicals at Gold Coast Ingredients, Inc., Commerce, California. By Dunn KH, Echt A, Garcia A. Cincinnati, OH: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Control Technology Report No. EPHB-322-11a.

**0614.** NIOSH [2008]. In-depth survey report: evaluation of engineering controls for the production of liquid and powder flavoring chemicals at Kerry Ingredients and Flavours, Inc., formerly Mastertaste, Inc., Commerce, California. By Dunn KH, Echt A, Couch J, Myers DV. Cincinnati, OH: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Control Technology Report No. EPHB-322-12a.

*NORA: Manufacturing*

**0615.** NIOSH [2008]. Control technology and exposure assessment for occupational exposure to beryllium: beryllium facility #1-copper/beryllium foundry. By Almaguer D, Burroughs E, Marlow D, Lo L-M. Cincinnati, OH: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Control Technology Report No. EPHB-326-11a.

*NORA: Manufacturing*

**0616.** NIOSH [2008]. Control technology and exposure assessment for occupational exposure to beryllium: beryllium facility #2-copper/beryllium machine shop. By Almaguer D, Burroughs E, Marlow D, Lo L-M. Cincinnati, OH: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Control Technology Report No. EPHB-326-14a.

*NORA: Manufacturing*

## ***V. Control Technology Reports***

**0617.** NIOSH [2008]. Control technology and exposure assessment for electronic recycling operations, UNICOR Marianna Federal Correctional Institution, Marianna, Florida.  
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## **VI. FATALITY ASSESSMENT AND CONTROL EVALUATION REPORTS**

**0618.** NIOSH [2008]. Hispanic construction worker dies while operating ride-on roller/compactor—South Carolina. By Menéndez CK. Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fatality Assessment and Control Evaluation (FACE) Report No. 2007–06.

*NORA: Construction*



## VII. FIRE FIGHTER FATALITY INVESTIGATION AND PREVENTION REPORTS

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## IX. AUTHOR INDEX

<b>Author</b>	<b>Citation Number(s)</b>
<b>Abraham J</b>	0111
<b>Achutan C</b>	0640 0641 0645 0659
<b>Adams J</b>	0055
<b>Adams L</b>	0001 0071
<b>Adebayo A</b>	0658
<b>Adhikari A</b>	0049
<b>Adjemian J</b>	0164
<b>Afshari A</b>	0455 0459
<b>Agrawal A</b>	0001 0001 0071
<b>Ahlers HW</b>	0362
<b>Ahlstrand GG</b>	0370
<b>Ahmadi G</b>	0337
<b>Ahn Y-S</b>	0002
<b>Akgul Y</b>	0003 0456
<b>Akpinar-Elci M</b>	0004
<b>Akylbekova EL</b>	0351
<b>Alarcon W</b>	0321
<b>Alavanja MCR</b>	0110 0126 0128
<b>Albers J</b>	0276
<b>Albizu EJ</b>	0498 0499
<b>Alcorn LA</b>	0536
<b>Aldape K</b>	0539
<b>Alexander BH</b>	0300
<b>Alexeeff G</b>	0348
<b>Allen DE</b>	0043
<b>Allshouse J</b>	0196
<b>Almaguer D</b>	0615 0616 0617 0656
<b>Alterman T</b>	0005 0006
<b>Alway SE</b>	0271
<b>Amandus HE</b>	0376
<b>Ambrose DH</b>	0197 0363 0466
<b>Amendola A</b>	0302
<b>Ammons D</b>	0302 0503
<b>An K-N</b>	0349 0598
<b>Anderson H</b>	0348 0426
<b>Anderson JL</b>	0007
<b>Anderson S</b>	0008 0009 0299 0457
<b>Andred ME</b>	0305
<b>Andrew M</b>	0254 0515
<b>Andrew ME</b>	0010 0060 0061 0169 0303 0304 0307 0330 0351 0538
<b>Andrews RN</b>	0126
<b>Antich P</b>	0214
<b>Antonini J</b>	0153 0296 0353 0354 0359 0455 0458 0459 0549 0563 0564 0603 0607
<b>Antão VC</b>	0011 0253
<b>Apopa PL</b>	0012
<b>Apostoei AL</b>	0156
<b>Arepalli S</b>	0297 0522 0575



*IX. Author Index*

<b>Author</b>	<b>Citation Number(s)</b>
<b>Armstrong T</b>	0378
<b>Arumugam U</b>	0280
<b>Ashley DL</b>	0207
<b>Ashley K</b>	0001 0013 0014 0015 0071 0107
<b>Ashmore P</b>	0333
<b>Attfield MD</b>	0016 0022 0198 0460
<b>Auvinen A</b>	0333
<b>Axelrad DA</b>	0348
<b>Ayres JG</b>	0017
<b>Azad N</b>	0018 0019 0139 0158 0336
<b>Azman AS</b>	0461
<b>B'Hymer C</b>	0364
<b>Baan R</b>	0020
<b>Baeza-Squiban A</b>	0017
<b>Bahnfleth WP</b>	0194
<b>Bailer AJ</b>	0346
<b>Baird DD</b>	0313
<b>Bajpayee TS</b>	0462
<b>Baker BA</b>	0021 0271
<b>Balakrishnan K</b>	0109
<b>Baldwin KT</b>	0279 0570
<b>Baldwin TN</b>	0445 0623 0625 0629 0630 0631 0634 0635
<b>Balusu R</b>	0517
<b>Bang KM</b>	0022 0023 0082 0083 0084 0085 0086 0365 0460
<b>Barbero AM</b>	0103
<b>Barchowsky A</b>	0296 0549
<b>Barczak TM</b>	0024 0463 0464 0465 0468 0582
<b>Barger M</b>	0030 0530 0558
<b>Barnett JB</b>	0175
<b>Baron ED</b>	0521
<b>Baron P</b>	0025 0026 0027 0297 0337 0575
<b>Baron S</b>	0067 0068 0314
<b>Barquinero JF</b>	0301
<b>Barr RG</b>	0028
<b>Barrero M</b>	0182
<b>Barrett R</b>	0051 0344 0345
<b>Bartels J</b>	0466 0568
<b>Bartels S</b>	0038
<b>Barter ZE</b>	0029
<b>Bartolomeos K</b>	0371
<b>Barton TM</b>	0467
<b>Basner RC</b>	0028
<b>Batchler TJ</b>	0463 0468
<b>Bateup HS</b>	0231 0551
<b>Battelli LA</b>	0030 0134 0359 0544
<b>Bauchinger M</b>	0301
<b>Bauer ER</b>	0031 0223 0469
<b>Baumann A</b>	0642
<b>Bayir H</b>	0493
<b>Baylis C</b>	0225 0319
<b>Bealko SB</b>	0032 0159 0470
<b>Beard JK</b>	0027
<b>Beck TW</b>	0033 0180 0529

Author	Citation Number(s)
Beckman J	0051
Beer DG	0112
Beers-Green AB	0370
Beezhold D	0034 0124 0125 0285 0299 0457 0502
Beezhold K	0062
Beiter DA	0446
Belay E	0164
Bell JL	0035 0484
Bello D	0036
Beltrami EM	0056 0057
Benbrahim-Tallaa L	0020
Benkovic SA	0214 0458 0471 0472
Bennett JS	0025
Bennett LM	0301
Benson S	0092 0362
Berardinelli S	0627 0632 0633
Bernard B	0343
Beskid O	0301
Bevan JE	0179
Bevilacqua MC	0037
Bhatt SK	0467
Bhattacharya A	0038 0064
Bhatti P	0300 0301 0352
Bi Y	0361 0609 0610
Biagini RE	0013 0014 0039 0360 0473
Bibb JA	0214
Biddle EA	0044
Bienek DR	0039
Birch ME	0232
Birnbaum L	0348
Blachere FM	0034 0124 0125 0285 0502
Blade LM	0611 0612
Blakey D	0301
Blando JD	0250
Bledsoe TA	0105
Blevins LZ	0165
Boal WL	0040
Bobick T	0474
Boekelheide K	0055
Boeniger M	0041
Bois F	0348
Bonauto D	0426
Bondy M	0539
Booth-Butterfield S	0042 0257
Booth-Jones A	0041
Borm P	0017
Bouvard V	0020
Bowman L	0485 0608
Bowyer M	0619 0622 0627 0637
Boylstein R	0455 0660
Brackett EM	0043
Braddee R	0628
Brady T	0448 0556

*IX. Author Index*

<b>Author</b>	<b>Citation Number(s)</b>
<b>Branche C</b>	0371
<b>Brandt MT</b>	0044
<b>Breen V</b>	0339
<b>Breitenstein MJ</b>	0286
<b>Brightwell WS</b>	0161
<b>Brisson MJ</b>	0001 0071
<b>Brnich MJ Jr.</b>	0160
<b>Brown CM</b>	0266
<b>Brown K</b>	0045 0457
<b>Brown MJ</b>	0174
<b>Browne RW</b>	0060 0061
<b>Brueck S</b>	0164 0648 0649 0655
<b>Bruening DA</b>	0046 0475
<b>Brundage KM</b>	0175
<b>Brundage RA</b>	0175
<b>Brunette CM</b>	0059
<b>Buckley JP</b>	0047
<b>Buczek FL</b>	0046 0475
<b>Budowle B</b>	0048
<b>Buford M</b>	0560
<b>Bugarski AD</b>	0476
<b>Buist AS</b>	0339
<b>Bullough JD</b>	0569
<b>Burchfiel C</b>	0010 0060 0061 0303 0304 0305 0330 0515 0538
<b>Burdisso RA</b>	0477
<b>Burge H</b>	0206 0208
<b>Burgess JL</b>	0358
<b>Burke TA</b>	0270
<b>Burnett CA</b>	0251
<b>Burr G</b>	0642
<b>Burrell AK</b>	0001
<b>Burroughs E</b>	0015 0615 0616 0617
<b>Burton NC</b>	0049 0643
<b>Burton PK</b>	0573
<b>Buskirk A</b>	0124 0125 0502
<b>Buss B</b>	0164
<b>Butler M</b>	0054 0207 0539
<b>Butterworth L</b>	0154 0299 0457
<b>Byrne D</b>	0050 0244
<b>Caceres C</b>	0203 0542
<b>Callahan D</b>	0266
<b>Calvert GM</b>	0051 0106 0183 0320 0321 0344 0345
<b>Camargo HE</b>	0477 0478 0602
<b>Cantis D</b>	0302 0474
<b>Cardis E</b>	0333
<b>Cardwell CR</b>	0540
<b>Caruso CC</b>	0052 0377
<b>Cashdollar KL</b>	0120 0446 0505
<b>Cassee F</b>	0017
<b>Castellan RM</b>	0105
<b>Castillo D</b>	0067 0068 0184 0185 0376
<b>Castranova V</b>	0017 0026 0062 0096 0111 0112 0134 0140 0148 0210 0233 0239 0240 0247 0254 0272 0280 0289 0292 0296 0297 0298 0335 0455

Author	Citation Number(s)
Castranova V (cont.)	0479 0485 0516 0522 0527 0530 0544 0549 0553 0558 0563 0564 0567 0575 0591 0592 0603
Cauda E	0476
Cawley JC	0053 0453
Cecala AB	0447 0480 0481 0555
Chakraborty R	0048
Chang MH	0054
Chang W-R	0035 0484
Chanock SJ	0054
Chanvorachote P	0335
Chapin RE	0055
Chapman J	0355 0604
Chapman L	0056 0057 0283
Chapman LJ	0058 0059
Chapman MC	0548
Charles LE	0010 0060 0061 0330 0538
Charlton DG	0039
Charney DS	0314
Cheever KL	0364
Chekan GJ	0481
Chen B	0153 0190 0191 0459
Chen BT	0026 0233 0297 0527 0553 0607
Chen F	0062 0336 0558
Chen GF	0319
Chen GX	0063
Chen L	0649 0655 0656 0658
Chen MG	0122
Chen T	0575
Chen W	0092
Chen X	0005
Cheng Y-S	0337
Chester D	0067 0068
Chew MH	0327
Chiarelli A	0280
Chilton JE	0584
Chiou S	0035 0064 0484 0599 0600
Chipera SJ	0311
Chipinda I	0065 0066 0482
Chirila M	0239
Cho A	0017
Cho S-W	0167
Choi B-J	0170
Chowdry JE	0029
Chrislip D	0005 0161
Christensen W	0099
Chung H	0005 0301
Cierpich H	0067 0068
Clark K	0493
Cloud JL	0107
Cloutier D	0099
Coady SA	0351
Coca A	0069
Cogliano V	0020 0348

*IX. Author Index*

<b>Author</b>	<b>Citation Number(s)</b>
<b>Coleman BK</b>	0342
<b>Coleman R</b>	0038
<b>Colinet JF</b>	0483
<b>Collingwood S</b>	0400 0401
<b>Collins J</b>	0035 0228 0283 0484
<b>Compton CS</b>	0070
<b>Connor TH</b>	0449 0450
<b>Conway GA</b>	0219
<b>Cooper G</b>	0249 0579
<b>Couch J</b>	0378 0614
<b>Courtney TK</b>	0035 0484
<b>Cowan CW</b>	0214
<b>Cox-Ganser JM</b>	0004 0074 0105 0165 0248 0274 0275 0603 0660
<b>Cragin LA</b>	0165
<b>Crewe AN</b>	0046 0475
<b>Crofton K</b>	0348
<b>Cronin JP</b>	0001 0071
<b>Cullen ET</b>	0072
<b>Cummings KJ</b>	0073 0074 0075 0266 0660
<b>Cumpston J</b>	0233 0459 0607
<b>Curran C</b>	0250
<b>Current RS</b>	0366
<b>Cuthbert CD</b>	0095
<b>Cutlip RG</b>	0021 0271 0349 0598
<b>Dahlstrom GE</b>	0027
<b>Dalsey E</b>	0076
<b>Dang B</b>	0650 0656
<b>Daniels R</b>	0007 0163
<b>Danila R</b>	0164
<b>Darroudi F</b>	0301
<b>Das S</b>	0237
<b>Dauser D</b>	0095
<b>Davies B</b>	0332
<b>Davis F</b>	0539
<b>Davis L</b>	0067 0068 0199 0426
<b>Davis RR</b>	0077
<b>Day GA</b>	0311
<b>de la Mora JF</b>	0162
<b>De Roos AJ</b>	0277
<b>De Rosa MI</b>	0078 0079
<b>DeVries A</b>	0164
<b>Decker J</b>	0192 0387 0404 0405
<b>Deddens J</b>	0015 0080 0123 0126 0252 0266 0287 0507 0594
<b>Delaney LJ</b>	0192 0387 0404 0405
<b>Delano DL</b>	0583
<b>Dellarco MJ</b>	0270
<b>Demchuk E</b>	0307
<b>Dement J</b>	0081 0309
<b>Demers LM</b>	0171
<b>Derk RC</b>	0003 0456
<b>Derk SJ</b>	0028
<b>Deubner DC</b>	0288
<b>Deye G</b>	0025 0026 0027 0297 0575

<b>Author</b>	<b>Citation Number(s)</b>
<b>Dickerson RM</b>	0311 0312
<b>Diebolt-Brown B</b>	0344 0345
<b>Ding M</b>	0239 0240 0485 0608
<b>Diotte NM</b>	0009
<b>Divi RL</b>	0284 0489
<b>Docherty M</b>	0271
<b>Dodrill M</b>	0486
<b>Dodson WC</b>	0171
<b>Dolinar DR</b>	0097 0098 0406 0411 0491 0492
<b>Donahue R</b>	0515
<b>Donaldson K</b>	0017
<b>Doney B</b>	0082 0083 0084 0085 0086 0339
<b>Dong JH</b>	0087
<b>Dong RG</b>	0087 0088 0089 0090 0091 0202 0258 0259 0341 0349 0350 0487 0541 0597 0601
<b>Donlin M</b>	0459 0607
<b>Doody MM</b>	0300
<b>Dooley M</b>	0249
<b>Doorn SS</b>	0118
<b>Dorn J</b>	0515
<b>Dosemeci M</b>	0110
<b>Dotson G</b>	0250 0488 0559
<b>Dowdy JA</b>	0142 0143
<b>Dowell C</b>	0644
<b>Dowlati A</b>	0112
<b>Dowling NF</b>	0054
<b>Downes A</b>	0293
<b>Driscoll R</b>	0343 0641
<b>Du L</b>	0092
<b>Dubuc S</b>	0634
<b>Ducatman BS</b>	0239 0240
<b>Duchin JS</b>	0056 0057
<b>Dudash HJ</b>	0271
<b>Duggan S</b>	0017
<b>Duling MG</b>	0311
<b>Dunn C</b>	0194
<b>Dunn KH</b>	0235 0266 0613 0614 0656
<b>Duran B</b>	0001
<b>Durgam S</b>	0647 0652
<b>Echt A</b>	0235 0402 0403 0613 0614 0617
<b>Edgell D</b>	0474
<b>Edwards AA</b>	0300 0301
<b>Edwards JC</b>	0102 0494
<b>Edwards N</b>	0074
<b>Eggerth DE</b>	0093
<b>Ehlers JJ</b>	0059
<b>Ehrenberg RL</b>	0056 0057
<b>Eimer BC</b>	0263 0264
<b>Einem TL</b>	0489
<b>Eisenberg J</b>	0644 0645 0646 0652 0654
<b>El Ghissassi F</b>	0020
<b>El-Fawal HAN</b>	0094
<b>Elborn JS</b>	0540

*IX. Author Index*

<b>Author</b>	<b>Citation Number(s)</b>
Ellenberger JL	0097 0464 0491
Elliott LJ	0229 0230
Ellis C	0332
Endo M	0096 0239
Englert RC	0095
Enright PL	0105
Ensell MX	0279
Ensey JS	0307
Erdely A	0096 0225 0319 0354 0359 0490
Erdely AD	0354
Erickson MD	0270
Ernst JL	0656
Esswein E	0136
Esterhuizen GS	0097 0098 0388 0464 0491 0492
Estill CF	0027 0172
Etherton J	0099
Euling SY	0348
Evanoff B	0035 0484
Evans DE	0100
Ewers L	0647
Fabisiak JP	0296 0549
Fadeel B	0298 0493
Fairfax RE	0196
Falkenstein E	0574
Fearn K	0245
Fedan JS	0142 0143 0486
Fedorowicz A	0299 0457
Feigley CE	0168
Fekedulegn D	0010 0060 0061 0330
Feng HA	0611
Feng W	0296 0493
Ferdinands J	0266
Fernback JE	0205 0543
Filios M	0199
Fitzgerald GK	0407
Fix JJ	0211
Flattery J	0199
Fluharty K	0357 0358 0514 0606
Flynn DC	0111 0112
Forrester CL	0207
Foster PMD	0348
Fox DA	0101
Fox WR	0480
Franks RA	0102 0494
Franzke LH	0360
Frasch HF	0103
Frazer D	0134 0209 0233 0265 0455 0459 0527 0553 0575 0607
Freihaut JD	0194
Freivalds A	0176
Freyssinier JP	0569
Friel GF	0102 0494
Friend S	0134
Froines J	0017

Author	Citation Number(s)
Frye BL	0307
Fukuda T	0231
Gadagbui B	0488
Gadde M	0535
Gallagher M	0054
Gallagher S	0070 0092 0104 0410 0412 0466 0568
Gao A	0141
Garcia A	0235 0611 0613
Garcia F	0571
Gaughan DM	0105
Geiger-Brown JM	0377
Genaidy A	0276 0338
Gensheimer KF	0056 0057
Geraci C	0250 0289 0290 0291 0292 0488 0559
Gergley RM	0106
Germolec D	0348 0357 0369 0606
Geronilla KB	0271
Ghanem MM	0030
Ghio A	0017
Gibbins J	0164 0192 0653
Gilbert E	0156 0333
Gilbert S	0309
Gilchrist A	0095
Gilkeson G	0249
Gillen M	0495
Glowacki AF	0496
Gnatuk CL	0171
Goldcamp EM	0497
Goldcamp MJ	0107
Goldenhar LM	0283
Goldsmith WT	0134
Goldstein BD	0270
Goncalves CGO	0498 0499
Goodman GVR	0033 0152 0388 0500 0518 0519 0571 0587
Gordon CJ	0108
Gordon J	0038
Gordon T	0583
Gorelik O	0297 0522 0575
Goswami S	0280
Gottesfeld P	0109
Goyal S	0164
Grajewski B	0166 0581
Grau R	0501 0552
Gray E	0348
Gray LE	0055
Grayson RL	0375
Graziani M	0339
Green BJ	0034 0124 0125 0285 0502 0573
Green JD	0366 0503
Greenburg DL	0110
Greengard P	0214 0231 0551
Gregorio DI	0095
Greskevitch M	0082 0083 0084 0085 0086



*IX. Author Index*

<b>Author</b>	<b>Citation Number(s)</b>
<b>Grinshpun SA</b>	0049
<b>Groce D</b>	0082 0083 0084 0085 0086 0362
<b>Grohskopf LA</b>	0056 0057
<b>Gronqvist R</b>	0035 0484
<b>Grosch J</b>	0005
<b>Grosse Y</b>	0020
<b>Groves WA</b>	0176
<b>Guan H</b>	0092
<b>Guerra S</b>	0358
<b>Guffey S</b>	0362
<b>Guo L</b>	0111
<b>Guo NL</b>	0112
<b>Guyton KZ</b>	0348
<b>Gwinn MR</b>	0113
<b>Gürtunca RG</b>	0504
<b>Ha M</b>	0301
<b>Habes D</b>	0641 0650
<b>Habib RR</b>	0333
<b>Habjan MC</b>	0370
<b>Haff GG</b>	0271
<b>Hahn SE</b>	0114
<b>Hale AR</b>	0173
<b>Hale CF</b>	0214
<b>Hales T</b>	0445 0626 0636
<b>Hall E</b>	0328 0383
<b>Hall RM</b>	0644 0646
<b>Halliburton L</b>	0329
<b>Halperin WE</b>	0292
<b>Ham JE</b>	0008 0115 0146 0238
<b>Hamilton R</b>	0560
<b>Hamilton WR</b>	0101
<b>Hammond D</b>	0611 0612
<b>Hammond O</b>	0118
<b>Hanley KW</b>	0250
<b>Harlow JR</b>	0029
<b>Härenstam A</b>	0189
<b>Harmon R</b>	0048
<b>Harner EJ</b>	0218
<b>Harper M</b>	0116 0117 0118 0169 0176 0246
<b>Harris ML</b>	0119 0120 0505
<b>Harrison D</b>	0314
<b>Harrison R</b>	0017 0067 0068 0199
<b>Harshman S</b>	0107
<b>Harteis SP</b>	0278 0380 0406 0411 0446
<b>Hartley T</b>	0010 0042 0061 0330 0340 0538
<b>Haslam RA</b>	0173
<b>Hattis DB</b>	0348
<b>Hauptmann M</b>	0301
<b>Hause M</b>	0132
<b>Hayashi KJ</b>	0214
<b>Hayata I</b>	0301
<b>Hayumbu P</b>	0121
<b>Hayward SW</b>	0055

Author	Citation Number(s)
He P	0140
He Q	0147
He X	0012 0361 0506 0531 0609 0610
He XQ	0122
Heaney C	0283
Heidel DS	0291
Hein M	0027 0123 0172 0206 0207 0208 0309 0507 0594
Heintz N	0231
Heitbrink W	0100 0400 0401
Hellweg RD	0367
Hendricks KJ	0508
Hendricks S	0132
Henn S	0163
Henneberger PK	0028 0128 0288
Henshaw RW	0156
Herbert R	0314
Herrick R	0206 0208
Hettick JM	0065 0124 0125 0482 0502
Heumann M	0339
Hibert EN	0166 0526 0581
Hider R	0017
Hill R	0451 0452
Hilsbos K	0004
Hinderliter PM	0108
Hines CJ	0110 0126
Hinnefeld SL	0212
Hintz PJ	0169
Hiratzka S	0163
Hitchcock E	0642
Hnizdo E	0339
Hobbs GR	0074 0105
Hoffman FO	0156
Hoffman RS	0344 0345
Hogan MB	0034 0127
Hojou M	0227
Holian A	0560
Hollander MS	0021
Holzbauer S	0164
Homce GT	0053 0453
Hoonakker PLT	0173
Hoover M	0240 0289 0290 0312 0583
Hopke PK	0337
Hoppin JA	0110 0128
Hosgood HD	0036
Hoskin A	0245
Hotchkiss J	0108
Howard J	0129 0130 0226 0230 0262
Howell J	0164
Hsiao H	0131 0132 0133 0173 0302 0368 0509
Hu Y	0527
Huang CS	0141
Huang G	0590
Hubbs AF	0030 0127 0134 0224 0233 0297 0547 0553 0575 0583

*IX. Author Index*

<b>Author</b>	<b>Citation Number(s)</b>
Hubert JP	0407
Hudak RL	0135
Hudson H	0136
Hulderman T	0096 0490
Hunt RC	0056 0057
Hunting KL	0047
Hurtubise RJ	0137
Husberg B	0058
Hussey JA	0168
Hustrulid W	0510 0512
Hyder AA	0371
Iannacchione A	0098 0448 0462 0492 0511 0548
Ikeda T	0227
Inskip P	0277 0539
Iossifova Y	0049
Isaacs AJ	0503
Isaacs SG	0138
Iskander W	0362
Iverson S	0512
Iyer AKV	0018 0139 0158
Jackson JS	0445
Jackson LL	0184 0185
Jackson PJ	0048
Jacobs DE	0174
Jagger J	0040 0195
James T	0182
Jamshidi S	0145
Jang IS	0170
Janisko S	0513
Janotka E	0124 0125 0285 0502
Janssen S	0348
Jaycox LB	0126
Jefferson A	0254 0279
Jia XW	0141
Jiang BH	0336
Jiang Y	0140
Jiao S	0141
Jin J	0297
Jing Y	0142 0143
Jobes CC	0197 0537
Johantgen M	0377
John K	0144
Johnson AT	0145
Johnson C	0523 0524
Johnson J	0101 0510
Johnson RC	0279 0570
Johnson V	0170 0265 0297 0357 0358 0514 0575 0606
Jones BT	0146
Jones DW	0351
Jones EN	0025
Joseph P	0147 0515 0572
Joy GJ	0243
Ju J	0321

Author	Citation Number(s)
Kadiiska M	0575
Kagan V	0296 0297 0298 0493 0522 0549 0575
Kala SV	0101
Kang JL	0148 0516
Kansy JW	0214
Kanwal R	0149 0455
Karacan CÖ	0150 0151 0152 0388 0500 0517 0518 0519 0520 0571
Kardous CA	0611 0659
Karfakis M	0186
Karim A	0564
Karnik J	0051
Karnpa D	0300
Karsh B-T	0059
Kashon ML	0021 0030 0124 0125 0134 0279 0341 0357 0358 0359 0502 0525 0570 0606
Kass D	0344 0345
Kastock ME	0174
Katellaris CH	0573
Kathren RL	0295
Katz CL	0314
Kau T-Y	0132 0302
Keahey WJ	0351
Keane M	0153 0522
Keane P	0245
Kee F	0540
Keil DE	0154
Kelly F	0017
Kenoyer JL	0155
Keogh L	0244
Keohavong P	0297
Kephart JW	0109
Kerkering C	0512
Keshava C	0144 0489
Kesner JS	0095 0171 0313
Key-Schwartz R	0121
Khoury MJ	0054
Kiefer MJ	0192
Kilmarx PH	0056 0057
Kim HS	0148 0516
Kim IK	0170
Kim SH	0170
Kim Y	0214
Kim YA	0096
King WP	0264
Kirkland EB	0521
Kisin E	0210 0296 0297 0298 0485 0522 0549 0575
Kissell FN	0561
Kissling G	0357 0606
Kitt M	0288 0343
Kittusamy NK	0197
Klandorf H	0574
Kleinerman RA	0301
Klemetti T	0221 0222 0546

*IX. Author Index*

<b>Author</b>	<b>Citation Number(s)</b>
Kocher DC	0156
Kodama Y	0301
Koh DH	0002
Koh FC	0145
Kommineni C	0296 0298 0549
Konduru NV	0493
Kong Y-K	0157 0182
Kongkaneramt L	0158 0336
Koontz W	0580
Kooter I	0017
Koutros S	0110
Kovacevic L	0620
Kovalchik PG	0032 0159 0478 0536 0577
Kowalski-Trakofler KM	0160
Koyama S	0096
Krajnak K	0341 0349 0350 0523 0524 0525
Kreiss K	0074 0075 0105 0165 0248 0273 0275 0288 0307 0373
Kretsinger K	0056 0057
Krieg E	0005 0157 0161 0315
Krog RB	0388 0500 0501
Ku BK	0162
Kubale T	0163
Kuempel E	0016 0081 0289 0290 0292 0309
Kujundzic E	0281
Kulkarni P	0236
Kullman G	0128 0134 0192 0273 0387 0404 0405
Kunselman AR	0171
Kuroiwa M	0231 0551
Kurzius-Spencer M	0358
Kwon TK	0170
Kyle AD	0348
La Bone TR	0043
Lacerda ABM	0498 0499
Lachance D	0164
Lackovic M	0051 0344 0345
Land CE	0156
Landreth KS	0127
Landrigan PJ	0314
Landsittel D	0267 0331 0362
Laney AS	0165
Lappalainen J	0173
Larsen LD	0027
Lau J	0194
Law B	0299
Lawrence RB	0311
Lawryk NJ	0042
Lawson CC	0166 0526 0581
LeBlanc AJ	0527
Lee D	0167
Lee EG	0118 0168 0169 0176
Lee HS	0148 0516
Lee HW	0148 0516
Lee K-S	0167

Author	Citation Number(s)
Lee L	0176
Lee S	0170
Lee SJ	0157
Lees PSJ	0055
Lefkowitz D	0067 0068
Legault ML	0197
Legro RS	0171
Lehman EJ	0172
Lehman M	0322
Lehtola MM	0173
Leil TA	0284
Leiss JK	0040 0195
Lentz TJ	0196 0528
Leonard S	0239 0240 0485 0558 0564 0574
Leone MM	0449 0450
Levin R	0174
Levin SM	0314
Lewis TL	0175
Li J	0006 0040
Li L	0361 0610
Li S	0305
Li Z	0279
Lil S	0218
Limanowski J	0283
Lin H	0112
Lin M-I	0176
Lin M-L	0245
Lincoln J	0177 0178 0179
Lindegren ML	0054
Lindholm C	0301
Lineberry GT	0138
Lioy PJ	0270
Lippmann M	0270
Lipscomb JA	0377
Lipscomb JC	0029
Listak JM	0180 0241 0242 0261 0529 0562
Liston A	0096 0490
Littlefield LG	0301
Litton CD	0079
Liu BC	0141
Liu HF	0141
Liu Y	0092
Liu YC	0036
Livingston G	0301
Lo L-M	0615 0616
Lodwick J	0163
Lohff CJ	0165
Lombardi DA	0035 0484
London SJ	0128
Loomis D	0081
Loringer KA	0181 0184 0185
Lowe B	0157 0182 0286
Lowry DT	0279 0570

*IX. Author Index*

<b>Author</b>	<b>Citation Number(s)</b>
<b>Lu AYH</b>	0188
<b>Lu M-L</b>	0182 0657
<b>Lu Y</b>	0158 0485 0591
<b>Lu YJ</b>	0336
<b>Lubman D</b>	0367
<b>Lucas D</b>	0177 0178 0179
<b>Luckhaupt SE</b>	0106 0183 0344 0345
<b>Luebke RW</b>	0348
<b>Luft BJ</b>	0314
<b>Luginbuhl RC</b>	0184 0185
<b>Lum MR</b>	0317
<b>Luster MI</b>	0348 0357 0358 0369 0514 0606
<b>Lutz TJ</b>	0204
<b>Lutz V</b>	0622 0624
<b>Luxbacher K</b>	0186 0593
<b>Lyden JT</b>	0040 0195
<b>Lynch D</b>	0273
<b>Lynfield R</b>	0164
<b>Ma JK</b>	0530
<b>Ma JY</b>	0530
<b>Ma JYC</b>	0030
<b>Ma Q</b>	0012 0122 0187 0188 0361 0506 0531 0609 0610
<b>Mabee L</b>	0051
<b>MacDonald LA</b>	0189 0532
<b>MacKenzie BA</b>	0013 0014 0473
<b>MacMahon K</b>	0192 0387 0404 0405
<b>Macher J</b>	0190 0191
<b>Macievic G</b>	0163 0211
<b>Mackiewicz M</b>	0282
<b>Madura JD</b>	0308
<b>Maduri A</b>	0193
<b>Maier A</b>	0488 0559
<b>Main B</b>	0099
<b>Mainiero R</b>	0119 0533 0571
<b>Makola M</b>	0338
<b>Malker H</b>	0333
<b>Mallett L</b>	0379 0410 0534
<b>Manchester DK</b>	0137
<b>Mandapuram S</b>	0259
<b>Manivannan A</b>	0329
<b>Manosroi A</b>	0018
<b>Mao Z</b>	0610
<b>Marano F</b>	0017
<b>Marcus SM</b>	0250
<b>Mark C</b>	0070 0222 0467 0535 0546 0557
<b>Markey A</b>	0163
<b>Markowitz S</b>	0314
<b>Marlow D</b>	0071 0615 0616
<b>Marrone BL</b>	0048
<b>Martikainen AL</b>	0584
<b>Martin SB</b>	0194
<b>Martin SW</b>	0360
<b>Martinez AB</b>	0025

<b>Author</b>	<b>Citation Number(s)</b>
<b>Martinez KF</b>	0048
<b>Mason R</b>	0575
<b>Materna B</b>	0426
<b>Matetic RJ</b>	0032 0159 0478 0536 0602
<b>Mathews R</b>	0195
<b>Matthews LNH</b>	0072
<b>Matz M</b>	0228 0484
<b>Maxim LD</b>	0196
<b>Maynard A</b>	0297 0575
<b>Maynard RL</b>	0017
<b>Mayton AG</b>	0197 0255 0407 0537
<b>Mazurek JM</b>	0023 0198 0199 0200 0201 0318 0460
<b>McBurnie MA</b>	0339
<b>McCanlies E</b>	0010 0060 0307 0538
<b>McCann M</b>	0245
<b>McCartney C</b>	0323 0585
<b>McCartney KA</b>	0211
<b>McClean KM</b>	0540
<b>McCleery R</b>	0644
<b>McCleskey TM</b>	0001
<b>McDiarmid MA</b>	0449 0450
<b>McDougall V</b>	0133 0509
<b>McDowell TW</b>	0087 0088 0089 0090 0091 0202 0487 0541 0597 0601
<b>McFall M</b>	0619
<b>McGreevy K</b>	0199
<b>McHugh E</b>	0203 0542
<b>McIntyre BS</b>	0055
<b>McKenzie EA Jr.</b>	0204
<b>McKenzie T</b>	0474
<b>McKernan JL</b>	0205 0543
<b>McKernan LT</b>	0015 0206 0207 0208
<b>McKibbin RW</b>	0179
<b>McKinney W</b>	0209
<b>McNeil MM</b>	0360
<b>McPherson LE</b>	0127
<b>McQuiston J</b>	0164
<b>McWilliams LJ</b>	0243
<b>Mccarthy B</b>	0539
<b>Mead KR</b>	0250
<b>Meade BJ</b>	0009 0457
<b>Meadows JW</b>	0171
<b>Mehler L</b>	0051 0344 0345
<b>Mehlmann T</b>	0154
<b>Meighan T</b>	0003 0486
<b>Menéndez CK</b>	0618
<b>Mercer RR</b>	0021 0134 0210 0297 0335 0544 0563 0575 0591
<b>Merwin SE</b>	0211 0212
<b>Mesia-Vela S</b>	0028
<b>Messenger SL</b>	0048
<b>Methner MM</b>	0213
<b>Meyer DA</b>	0214
<b>Meyer RM</b>	0059
<b>Miles PR</b>	0030



*IX. Author Index*

<b>Author</b>	<b>Citation Number(s)</b>
<b>Miller A</b>	0167 0370
<b>Miller DB</b>	0108 0214 0215 0231 0234 0293 0458 0471 0472 0545 0551
<b>Miller GG</b>	0348
<b>Miller GR</b>	0524 0525
<b>Miller M</b>	0348
<b>Miller R</b>	0523 0537
<b>Miller SL</b>	0281
<b>Milton DK</b>	0028
<b>Ming JM</b>	0237
<b>Mischler SE</b>	0243 0332
<b>Misra N</b>	0218
<b>Mitchell Y</b>	0051 0344 0345
<b>Mnatsakanov RM</b>	0216 0217 0218
<b>Mnatsakanova A</b>	0303 0305 0330
<b>Mode N</b>	0219 0451 0452
<b>Moffatt SG</b>	0165
<b>Molinda G</b>	0070 0220 0221 0222 0467 0546 0557
<b>Moline J</b>	0314
<b>Moolenaar RL</b>	0266
<b>Moon C</b>	0148 0516
<b>Moonesinghe R</b>	0054
<b>Moore CA</b>	0054
<b>Moore P</b>	0366 0503 0632
<b>Moore SM</b>	0223 0407
<b>Moraga-McHaley S</b>	0051
<b>Morata TC</b>	0037 0498 0499 0611
<b>Moritz J</b>	0574
<b>Mormer E</b>	0244
<b>Morris JB</b>	0224 0547
<b>Morris RL</b>	0327
<b>Morrison GC</b>	0342
<b>Morrissey B</b>	0051 0344 0345
<b>Morse SA</b>	0048
<b>Moseley A</b>	0459 0607
<b>Moss CE</b>	0281
<b>Mouithys-Mickalad A</b>	0575
<b>Moy LY</b>	0214
<b>Msiska Z</b>	0112
<b>Mudway I</b>	0017
<b>Mueller C</b>	0343 0640 0642 0644 0645 0646 0656
<b>Muirhead CR</b>	0333
<b>Muller V</b>	0225 0319
<b>Muller-Delp J</b>	0527
<b>Mundt DJ</b>	0292
<b>Mundt KA</b>	0292
<b>Munson AE</b>	0008 0009 0457
<b>Muntaner C</b>	0005 0006
<b>Murashov V</b>	0226 0289
<b>Murch RS</b>	0048
<b>Murono EP</b>	0003 0456
<b>Murphy LR</b>	0114
<b>Murphy MM</b>	0548
<b>Murphy WJ</b>	0367

<b>Author</b>	<b>Citation Number(s)</b>
<b>Murray A</b>	0210 0296 0297 0298 0485 0522 0549 0575
<b>Murray D</b>	0329
<b>Myers DV</b>	0250 0614
<b>Myers JR</b>	0181 0550
<b>Naidoo N</b>	0282
<b>Nairn AC</b>	0214
<b>Nakamura N</b>	0301
<b>Nakano M</b>	0301
<b>Nakata A</b>	0227
<b>Nath J</b>	0144
<b>Ned RM</b>	0054
<b>Nedeljkovic-Davidovic A</b>	0194
<b>Nedorost S</b>	0521
<b>Nel A</b>	0017
<b>Nelson A</b>	0228 0377 0484
<b>Nelson J</b>	0169
<b>Nelson ME</b>	0407
<b>Neton JW</b>	0229 0230
<b>Neumeister C</b>	0041
<b>Newenhouse AC</b>	0059
<b>Nicas M</b>	0109
<b>Nigam JA</b>	0227
<b>Nilsen N</b>	0594
<b>Nishi A</b>	0231 0551
<b>Noe RS</b>	0445
<b>Noll J</b>	0232 0513 0552
<b>Novaes BC</b>	0037
<b>Nurkiewicz TR</b>	0233 0527 0553
<b>O'Brien AD</b>	0480
<b>O'Callaghan JP</b>	0094 0101 0214 0215 0231 0234 0458 0471 0472 0545 0551 0554
<b>Oestreicher U</b>	0301
<b>Okun A</b>	0291
<b>Old L</b>	0235
<b>Olfert JS</b>	0236
<b>Olivero OA</b>	0237 0284
<b>Organiscak JA</b>	0261 0447 0555 0562
<b>Orr TJ</b>	0534
<b>Ortmann A</b>	0244
<b>Ostvold AC</b>	0279
<b>Ott S</b>	0042 0340
<b>Otto CS III</b>	0656
<b>Ouchi AM</b>	0556
<b>Oyegbite K</b>	0371
<b>Oyler DC</b>	0557
<b>Ozanne Smith J</b>	0371
<b>O'Brien A</b>	0255
<b>O'Callaghan JP</b>	0282
<b>Pack AI</b>	0282
<b>Pacolay BD</b>	0238
<b>Pacurari M</b>	0239 0240 0558
<b>Padilla A</b>	0174
<b>Page E</b>	0642
<b>Page SJ</b>	0241 0242 0243 0261 0562

*IX. Author Index*

<b>Author</b>	<b>Citation Number(s)</b>
<b>Pakalnis R</b>	0556
<b>Palmer CV</b>	0244
<b>Palya F Jr</b>	0418
<b>Pan CS</b>	0064 0245 0599 0600
<b>Pang TWS</b>	0246
<b>Panlilio AL</b>	0056 0057
<b>Papp T</b>	0247
<b>Pappas DM</b>	0222 0546
<b>Park E</b>	0516
<b>Park E-M</b>	0148
<b>Park HS</b>	0076
<b>Park J</b>	0603
<b>Park J-H</b>	0248 0274 0275
<b>Park J-W</b>	0170
<b>Park K</b>	0167
<b>Park M</b>	0249
<b>Park RM</b>	0002
<b>Parker A</b>	0559
<b>Parker JE</b>	0372
<b>Parks C</b>	0249 0473
<b>Patel D</b>	0257
<b>Patel R</b>	0110
<b>Patts L</b>	0552
<b>Pauli JG</b>	0171
<b>Pauluhn J</b>	0108
<b>Pearson BL</b>	0193
<b>Pechter E</b>	0199
<b>Peden M</b>	0371
<b>Peden-Adams MM</b>	0154
<b>Pellizzari ED</b>	0270
<b>Pendergrass S</b>	0015
<b>Pereira KM</b>	0059
<b>Perrone J</b>	0250
<b>Perz JF</b>	0056 0057
<b>Peters R</b>	0328 0383
<b>Peters TM</b>	0100
<b>Petersen M</b>	0005 0006 0080 0207 0251 0252 0287 0352
<b>Peterson JS</b>	0536 0577
<b>Petibone D</b>	0300
<b>Petsonk EL</b>	0372 0408 0460 0540
<b>Pichumani K</b>	0329
<b>Piktel D</b>	0127
<b>Pinheiro GA</b>	0011 0253
<b>Pinkerton LE</b>	0266 0310
<b>Pizatella T</b>	0133 0376 0509
<b>Poirier MC</b>	0237 0284 0489
<b>Pollock DE</b>	0480 0481
<b>Polovich M</b>	0449 0450
<b>Porter D</b>	0233 0254 0272 0553 0560 0563 0567
<b>Porter WL</b>	0255 0410
<b>Portier C</b>	0348
<b>Portier KM</b>	0055
<b>Potter KD</b>	0212

Author	Citation Number(s)
Potts JD	0256
Powell JB	0069
Power LA	0449 0450
Powers JR Jr.	0132 0204 0302
Powers LA	0138
Preston DL	0300
Prince M	0594
Proudfoot SL	0445
Punnett L	0189
Qian Y	0111 0112 0592
Quick BL	0257
Rahman FA	0371
Rahman Q	0247
Rajaraman P	0277
Rakheja S	0087 0258 0259
Ramsey J	0650 0653 0654 0655 0657
Ramsey MJ	0352
Randolph RF	0135 0393 0561
Rao C	0190 0191
Rao CY	0248 0266
Rao KMK	0003
Rao MK	0486
Ratcliffe JM	0195
Ravetta PA	0477
Raylman RR	0329
Redlich CA	0036
Reed LD	0260 0449 0450
Reed R	0241 0242
Reed WR	0256 0261 0562
Reeves E	0050 0578
Rehak TE	0145
Reichler MR	0054
Reilly MJ	0199
Reinke DC	0393
Reissman DB	0262 0270
Remick SC	0112
Ren TX	0517
Rengasamy S	0263 0264
Rennix C	0378
Reponen T	0049
Reyes M	0568 0569
Reynolds J	0265 0296 0514 0549
Reynolds RH	0570
Reynolds S	0279 0355 0359 0604
Ribas A	0498 0499
Rice DC	0348
Rich BL	0327
Rich-Edwards JW	0166 0526 0581
Richardson DB	0333
Richardson DL	0144 0237
Richardson S	0067 0068
Richer E	0214
Ridenour M	0445

*IX. Author Index*

<b>Author</b>	<b>Citation Number(s)</b>
<b>Rider JP</b>	0483
<b>Riggs MA</b>	0074 0266
<b>Rimmer J</b>	0573
<b>Rinder MM</b>	0276
<b>Rinehart R</b>	0109 0291
<b>Rivara AKMF</b>	0371
<b>Rivin D</b>	0418
<b>Robbins J</b>	0001
<b>Roberge MR</b>	0267 0331
<b>Roberge R</b>	0069 0267 0268 0269 0331
<b>Roberts JR</b>	0296 0353 0354 0359 0458 0459 0549 0563 0564
<b>Robertson S</b>	0039 0340 0360
<b>Robertson SK</b>	0013 0014
<b>Robins TG</b>	0121
<b>Robinson C</b>	0163
<b>Robinson K</b>	0045
<b>Robinson V</b>	0558
<b>Rodes CE</b>	0270
<b>Rodman J</b>	0174
<b>Rodriguez M</b>	0648
<b>Rogel A</b>	0333
<b>Rogers CA</b>	0208
<b>Rogers P</b>	0426
<b>Rojanasakul Y</b>	0018 0019 0139 0158 0335 0336 0591
<b>Rolfes MR</b>	0327
<b>Romano N</b>	0067 0068
<b>Ron E</b>	0300 0352
<b>Ronaghi M</b>	0204
<b>Roscoe RJ</b>	0321
<b>Rose CE Jr.</b>	0360
<b>Rosenman K</b>	0199 0426
<b>Rostami-Hodjegan A</b>	0029
<b>Rowland JH III</b>	0533
<b>Roy L</b>	0301
<b>Ruder A</b>	0209 0539 0565 0594
<b>Ruff T</b>	0566
<b>Ruppert MJ</b>	0570
<b>Ruppert SM</b>	0570
<b>Rusiecki J</b>	0110
<b>Ryan MJ</b>	0271
<b>Sabey P</b>	0311
<b>Safranek T</b>	0164
<b>Sager TM</b>	0272 0567
<b>Sahakian N</b>	0273 0274 0275 0373
<b>Salem S</b>	0276
<b>Salmen R</b>	0096 0490
<b>Samanic CM</b>	0277
<b>Sammarco JJ</b>	0568 0569
<b>Sammons DL</b>	0013 0014 0039 0360 0473
<b>Samociuk HA</b>	0095
<b>Samsell LJ</b>	0319
<b>Sanders CL</b>	0054
<b>Sanderson WT</b>	0207 0287

<b>Author</b>	<b>Citation Number(s)</b>
Sandler DP	0128
Sapko MJ	0120 0278 0406 0505
Sargent LM	0279 0570
Sarisuta N	0158
Sattler BA	0377
Savolainen K	0289
Sbarra D	0240 0311
Scabilloni J	0210 0544 0591
Scalsky ED	0155
Schachter EN	0280
Schafer MP	0281
Scharf MT	0282
Scharf T	0138 0283
Schatzel SJ	0388 0500 0520 0571
Schiffmann D	0247
Schild-Hay LJ	0284
Schill DP	0199 0250
Schilling SR	0462
Schmechel D	0034 0124 0125 0285 0502
Schmid E	0301
Schnakenberg GH Jr.	0476
Schnorr TM	0055
Schock MR	0174
Schonberger L	0164
Schrader SM	0286
Schubauer-Berigan M	0156 0287 0333 0507
Schuler CR	0288 0307
Schulte P	0250 0289 0290 0291 0292 0293 0374
Schulz TY	0135
Schutzer SE	0048
Schwartz A	0051 0344 0345
Schwartz JM	0348
Schwegler-Berry D	0026 0096 0134 0140 0153 0210 0239 0240 0254 0459 0522 0564
Schwerha DJ	0410
Scott DF	0294 0375
Scott T	0329
Scripsick RC	0311
Secretan B	0020
Sejvar J	0164
Selby VL	0377
Selevan SG	0055
Sellamuthu R	0572
Senft JR	0279 0570
Sercombe JK	0573
Sestito JP	0047 0321
Settle T	0574
Shaffer RE	0263 0264 0362
Shannon J	0451 0452
Sharfi M	0327
Sharma V	0314
Sharpnack DD	0315
Shell R	0276
Shemon GJ	0446

*IX. Author Index*

<b>Author</b>	<b>Citation Number(s)</b>
Shepherd A	0069
Shi X	0111 0112 0522 0592
Shi XL	0141
Shockley ME	0489
Shockley VE	0295
Shuely WJ	0418
Shukla R	0038
Shuto T	0231
Shvedova A	0026 0210 0296 0297 0298 0485 0493 0522 0549 0575
Sicher LA	0366
Siddharthan K	0228
Siebert SR	0043
Siegel PD	0004 0065 0066 0105 0299 0482 0502
Sievert J	0051
Sigurdson AJ	0300 0301 0352
Sigurdsson SO	0347
Silver S	0163 0594
Simeonov P	0132 0133 0302 0509
Simeonova P	0096 0369 0490
Simoskevitz RL	0030
Simoyi RH	0065 0066 0482
Singh RJ	0095
Sinks T	0174
Sioutas C	0017
Slaven J	0153 0357 0606
Slaven JE	0061 0124 0125 0168 0176 0238 0303 0304 0305 0502 0538
Slavin TJ	0100
Smith AC	0102 0306 0356 0494 0576 0586 0587 0605
Smith AK	0159 0477 0478 0577
Smith DL	0638
Smith JP	0013 0014 0039 0360 0473
Smith MH	0211 0212
Smith R	0081
Smith RP	0314
Smith S	0017
Snawder J	0013 0014 0029 0136
Snyder GL	0231 0551
Snyder J	0299 0307 0308
Sobeih T	0276
Sollberger R	0645 0646
Solomon G	0348
Sorock GS	0035 0484
Sotogaku N	0231
Sousa S	0040 0195
Southwick S	0314
Sparer J	0036
Spencer ER	0031 0469 0578
Spencer PJ	0108
Spiegelman D	0166 0526 0581
Spitz HB	0007
Sram RJ	0301
Sriram K	0234 0254 0458 0560
Stadler K	0575

Author	Citation Number(s)
Stanbury M	0426
Stancescu DO	0156
Stanton ML	0307 0311
Stayner L	0081 0309
Steege AL	0006
Steenland K	0287 0310 0594
Stefaniak AB	0311 0312
Stehlik C	0335
Steiner AZ	0313
Steiner LJ	0223 0384 0407 0410
Stellman JM	0314
Stemple KJ	0004 0028
Stenzel M	0378
Stephan G	0301
Stephenson MT	0257
Stettler LE	0315
Stevens RG	0095
Stewart C	0580
Stewart DN	0212
Stewart PA	0123 0277
Stolz DB	0493
Stone S	0153 0297 0459 0575 0607
Stout N	0133 0316 0376 0509
Stowe MH	0036
Straif K	0020
Streicher RP	0015 0036
Striley C	0013 0014 0126 0136
Stull JO	0069
Styles L	0067 0068
Su W	0092
Sublet VH	0317
Suk K	0170
Sullivan PA	0579
Sullivent EE	0056 0057
Sumner AD	0165
Sussell A	0321 0651
Sussman N	0297
Swanson NG	0227
Swanson P	0186 0580 0593
Syamlal G	0022 0023 0082 0083 0084 0085 0086 0318
Sylvain D	0652
Szabo AJ	0225 0319
Tackett JA	0581
Tadolini SC	0024 0465 0511 0582
Tain YL	0225
Tak S	0320 0321 0343
Takahashi M	0227
Tang X	0092
Tao N	0361 0609 0610
Tapp L	0647 0651
Tarantino LM	0583
Tardy H	0333
Tarley J	0621



*IX. Author Index*

<b>Author</b>	<b>Citation Number(s)</b>
<b>Taulbee TD</b>	0155 0211
<b>Taveras B</b>	0028
<b>Tawn EJ</b>	0301
<b>Taylor CD</b>	0500 0584 0590
<b>Taylor HA</b>	0351
<b>Taylor TM</b>	0411
<b>Telle-Lamberton M</b>	0333
<b>Teske TD</b>	0072
<b>Thimons ED</b>	0483 0500 0587
<b>Thomas BA</b>	0156
<b>Thomas EM</b>	0295
<b>Thomas KC</b>	0042
<b>Thompson AL</b>	0137
<b>Thompson ND</b>	0056 0057
<b>Tirumala V</b>	0564
<b>Toledo D</b>	0335
<b>Tomblyn S</b>	0009
<b>Tonazzi JC</b>	0001 0071
<b>Toraason MA</b>	0205 0543
<b>Torma-Krajewski J</b>	0322 0384 0410
<b>Tosun K</b>	0112
<b>Tovey ER</b>	0573
<b>Trabalka JR</b>	0156
<b>Treadwell E</b>	0249
<b>Trevits MA</b>	0323 0585 0586 0587
<b>Trinkoff AM</b>	0377
<b>Trout D</b>	0250 0292 0365
<b>Tsai L-H</b>	0214
<b>Tubbs R</b>	0641 0646
<b>Tuchman DP</b>	0243 0324
<b>Tucker JD</b>	0300 0301 0352
<b>Tucker SP</b>	0325
<b>Turk GC</b>	0312
<b>Turner NL</b>	0326
<b>Tyson FL</b>	0279 0570
<b>Tyurina YY</b>	0296 0493
<b>Udasin I</b>	0314
<b>Ulery JP</b>	0152 0397
<b>Ulsh BA</b>	0327
<b>Umbach DM</b>	0128
<b>Umbright C</b>	0147
<b>Underwood MN</b>	0107
<b>Unger RL</b>	0384 0393
<b>Urban CW</b>	0408
<b>Urosek JE</b>	0446 0586
<b>Utterback D</b>	0163
<b>Vainio H</b>	0289
<b>Valiante D</b>	0067 0068 0199
<b>Vallero DA</b>	0270
<b>Vallyathan V</b>	0019 0112 0239 0240 0247 0357 0485 0558 0570 0606
<b>Valoski MP</b>	0586
<b>van der Molen HF</b>	0173
<b>Van Scott MR</b>	0142 0143

Author	Citation Number(s)
Van Sickle D	0266
Vandenberg J	0348
Vandenbergh JG	0055
van Wijngaarden E	0123
Varley F	0448 0588 0596
Vaught C	0160 0257 0328 0379 0383
Vazquez IL	0237
Velan SS	0329
Velickoff D	0034
Velsko SP	0048
Venturin D	0196
Verakis HC	0120 0505
Verbeek JH	0173
Viet SM	0378
Vila B	0303 0304 0305 0330
Villnave J	0339
Vinson RP	0243 0324
Violanti JM	0010 0060 0061 0303 0304 0305 0330 0515 0538
Viruet HB	0338
Viscusi D	0092 0362
Voisin P	0301
Vojtko MR	0267 0331
Vojtko RJ	0267 0331
Volkwein J	0243 0324 0328 0332 0383 0589
Vollmer WM	0339
Vorobtsova I	0301
Vrijheid M	0333
Vytla S	0590
Wagner GR	0105 0293 0334
Wala AM	0590
Walker ER	0351
Wallace W	0522
Wallingford KM	0206 0208
Walters TE	0196
Waltz J	0344 0345
Wan YW	0112
Wang CY	0301
Wang H	0092
Wang J	0236
Wang L	0018 0092 0210 0335 0544 0591
Wang LY	0139 0336
Wang ML	0540
Wang Y	0158
Wang Z	0092 0337
Ward EM	0352 0594
Ward R	0592
Warneke J	0203 0542
Warren C	0202 0487 0541 0597 0601
Warren ND	0189
Wassell JT	0011 0253 0326
Waters K	0163
Waters MA	0123 0277 0352 0594
Waters T	0038 0052 0228 0338

*IX. Author Index*

<b>Author</b>	<b>Citation Number(s)</b>
<b>Watts NB</b>	0038
<b>Waugh S</b>	0523 0524 0525
<b>Weeks J</b>	0133 0509
<b>Weinmann S</b>	0339
<b>Weiss D</b>	0247
<b>Weiss ES</b>	0278 0380 0446
<b>Weissman DN</b>	0004 0034 0105 0365
<b>Welbourne JL</b>	0042 0340
<b>Welch R</b>	0054
<b>Welcome D</b>	0087 0088 0089 0090 0091 0202 0341 0349 0350 0487 0541 0597 0601
<b>Wellman HM</b>	0484
<b>Wells JR</b>	0115 0238 0342
<b>Wen K</b>	0140
<b>Wertman SC</b>	0632 0633 0637 0639
<b>West C</b>	0343 0648
<b>Westman E</b>	0186 0548 0593
<b>Weston A</b>	0113 0137 0144 0237 0284 0307 0489
<b>Whalen J</b>	0400 0401 0402 0403 0449 0450
<b>Wheeler K</b>	0344 0345
<b>Wheeler MW</b>	0346
<b>Whelan EA</b>	0166 0174 0352 0526 0581 0594
<b>Whisler R</b>	0326 0503
<b>White JE</b>	0503
<b>White KT</b>	0001 0071
<b>White SK</b>	0004 0248 0275
<b>Whitehouse CA</b>	0301
<b>Whitman GR</b>	0366
<b>Whitmer M</b>	0280
<b>Whitney G</b>	0001
<b>Whyatt J</b>	0588 0595 0596
<b>Wiehagen WJ</b>	0384
<b>Williams WJ</b>	0069
<b>Williamson P</b>	0048
<b>Willis R</b>	0199
<b>Wilson G</b>	0070
<b>Wilson NW</b>	0034
<b>Wilson SE</b>	0193
<b>Wiltshire T</b>	0583
<b>Wimer BM</b>	0597
<b>Winslow RC</b>	0211
<b>Wirth O</b>	0347
<b>Witte K</b>	0257
<b>Wofford MR</b>	0351
<b>Wolf L</b>	0035 0484
<b>Wolfarth M</b>	0254 0560 0603
<b>Wolfe AL</b>	0408
<b>Wood JM</b>	0022 0023 0200 0201 0253
<b>Woodruff TJ</b>	0348
<b>Woodward CC</b>	0179
<b>Woskie SR</b>	0036 0055
<b>Wrensch M</b>	0539
<b>Wu JZ</b>	0087 0088 0089 0090 0091 0349 0350 0487 0598 0599 0600

<b>Author</b>	<b>Citation Number(s)</b>
<b>Wu N</b>	0560
<b>Wyatt J</b>	0164
<b>Wyatt SB</b>	0351
<b>Xia Y</b>	0361 0609 0610
<b>Xing J</b>	0092
<b>Xu X</b>	0202 0541
<b>Xu XS</b>	0601
<b>Yannaccone J</b>	0366
<b>Yantek DS</b>	0602
<b>Ye M</b>	0141
<b>Ye Y</b>	0244
<b>Yenchek MR</b>	0453
<b>Yesupriya A</b>	0054
<b>Yin J</b>	0297
<b>Yin XJ</b>	0239 0240
<b>Yong LC</b>	0300 0301 0352 0594
<b>Young IS</b>	0540
<b>Young S</b>	0603 0607
<b>Young S-H</b>	0353 0354 0359
<b>Yuan BZ</b>	0355 0604
<b>Yuan L</b>	0306 0356 0576 0587 0605
<b>Yucesoy B</b>	0357 0358 0514 0521 0606
<b>Zachariah MR</b>	0167
<b>Zaino RJ</b>	0171
<b>Zarfes K</b>	0095
<b>Zeidler-Erdely PC</b>	0096 0354 0359 0490 0607
<b>Zeise L</b>	0348
<b>Zhang FM</b>	0141
<b>Zhang P</b>	0464
<b>Zhang W</b>	0301
<b>Zhang X</b>	0569 0608
<b>Zhang X-D</b>	0066
<b>Zhang Y</b>	0360
<b>Zhao H</b>	0530
<b>Zhao J</b>	0485 0608
<b>Zhao JS</b>	0240
<b>Zhao Z</b>	0361 0609 0610
<b>Zhou L</b>	0167
<b>Zhou X</b>	0140
<b>Zhuang Z</b>	0092
<b>Zhuang ZQ</b>	0362
<b>Zimmer JA</b>	0480 0481
<b>Zocoli AMF</b>	0498 0499
<b>Zoeller RT</b>	0348
<b>Zumwalde R</b>	0081 0289 0290 0292
<b>Zuskin E</b>	0280
<b>Zwiener J</b>	0326



## X. KEYWORD INDEX

<b>Keyword</b>	<b>Citation Number(s)</b>
<b>AIDS virus</b>	0389 0390 0391 0392
<b>Accident analysis</b>	0063 0177 0178 0366 0618 0620 0621 0622 0624 0627 0632 0637 0639
<b>Accident prevention</b>	0035 0064 0070 0097 0098 0099 0131 0177 0178 0203 0220 0223 0278 0344 0345 0371 0376 0381 0384 0410 0426 0448 0451 0452 0453 0484 0492 0497 0508 0512 0517 0528 0542 0550 0566 0582 0584 0618 0619 0619 0620 0621 0622 0624 0627 0632 0633 0637 0639
<b>Acetals</b>	0613
<b>Acid mists</b>	0648
<b>Acoustical measurements</b>	0265
<b>Acute exposure</b>	0106
<b>Adenocarcinomas</b>	0112
<b>Aerosol particles</b>	0008 0025 0027 0049 0162 0168 0198 0236 0253 0263 0264 0279 0298 0311 0331 0455 0476 0481 0513 0552 0558 0575 0589
<b>Aerosol sampling</b>	0027 0049 0236 0575
<b>Agricultural chemicals</b>	0051 0106 0110 0128 0565
<b>Agricultural machinery</b>	0181 0197 0204 0340
<b>Agricultural workers</b>	0006 0051 0058 0059 0106 0110 0128 0184 0185 0197 0249 0280 0318 0387 0404 0405 0497 0508 0550 0565
<b>Air contamination</b>	0004 0008 0017 0190 0191 0205 0224 0266 0281 0285 0476 0517 0518 0543
<b>Air flow</b>	0209 0265 0274 0555 0614
<b>Air monitoring</b>	0027 0269 0614
<b>Air purifying respirators</b>	0085 0267 0269
<b>Air quality control</b>	0206 0208 0224 0281 0481 0555
<b>Air quality measurement</b>	0017 0051 0168 0205 0236 0476 0517 0518 0543 0575
<b>Air sampling</b>	0027 0190 0191 0205 0206 0543 0611 0612 0613 0615 0616
<b>Airborne dusts</b>	0015 0017 0118 0174 0180 0241 0247 0315 0419 0420 0455 0529
<b>Airborne particles</b>	0015 0016 0017 0073 0118 0149 0168 0174 0180 0190 0191 0198 0206 0224 0247 0264 0370 0455 0476 0481 0513 0529 0552 0589
<b>Aircraft</b>	0206 0342
<b>Airport personnel</b>	0310 0640
<b>Airway obstruction</b>	0127 0143 0149 0199 0235
<b>Alcoholism</b>	0413 0414
<b>Allergens</b>	0004 0034 0045 0473 0502 0514 0573
<b>Allergic disorders</b>	0034 0127 0285 0473 0502 0573
<b>Allergic reactions</b>	0004 0034 0045 0285 0299 0473 0502 0514 0573
<b>Alveolar cells</b>	0141 0253 0296 0308 0353 0459 0563
<b>Amines</b>	0656
<b>Analytical chemistry</b>	0001 0013 0014 0071 0136 0176 0325 0364
<b>Analytical instruments</b>	0028 0120 0505
<b>Analytical methods</b>	0001 0015 0017 0071 0136 0157 0176 0196 0207 0238 0252 0287 0311 0324 0325 0346 0364 0617
<b>Animal studies</b>	0020 0101 0138 0154 0170 0175 0265 0271 0296 0297 0315 0341 0359 0472 0486 0523 0558 0570 0574
<b>Antibiotics</b>	0041 0574
<b>Antibody response</b>	0039 0041 0127 0514

## X. Keyword Index

Keyword	Citation Number(s)
Antigens	0034 0039 0127
Antioxidants	0012 0158 0485
Arm injuries	0088 0650 0653
Arsenic compounds	0506 0649
Asbestos fibers	0081 0117 0309 0334 0419 0420 0460 0651
Asbestos mining	0116 0334 0460 0579
Asbestos workers	0081 0116 0309 0334 0460 0579
Asbestosis	0023 0117 0200 0419 0420
Asphalt fumes	0009
Automobile repair shops	0036 0649 0651
Automotive emissions	0649 0651
Back injuries	0104 0193 0197 0258 0259 0412 0427 0428 0429 0430 0431 0432 0433 0434 0435 0436 0437 0438 0439 0440 0441 0442 0443 0444 0648 0650
Bacteria	0027 0049 0073 0074 0190 0191 0194 0266 0353 0549 0643 0656 0660
Bacterial dusts	0027 0049 0190 0191 0274 0549 0643
Bacterial infections	0194 0353 0459 0549
Barium compounds	0617
Behavior patterns	0083 0317 0347
Behavioral testing	0138
Benzene poisoning	0610
Benzidines	0020
Beryllium compounds	0001 0071 0311 0615 0616 0617
Beryllium disease	0307 0311
Bioaerosols	0194
Bioassays	0045
Biochemical analysis	0051 0088 0139 0188 0207 0348
Biochemical indicators	0013 0014 0088 0188 0341
Biochemical tests	0188 0207
Biocides	0045 0049
Biodynamics	0091 0341 0350 0487
Biohazards	0051 0172 0348
Biokinetics	0302
Biological agents	0003 0027 0108 0183 0354
Biological effects	0021 0029 0030 0051 0060 0089 0095 0140 0144 0148 0161 0172 0183 0207 0224 0234 0239 0240 0272 0299 0303 0304 0307 0341 0348 0350 0360 0471 0479 0516 0545 0549 0554 0560 0567 0575 0591
Biological factors	0060 0112 0140 0148 0161 0183 0188 0207 0224 0239 0270 0272 0299 0303 0304 0333 0341 0360 0385 0386 0516 0549 0560 0567 0575 0591
Biological function	0030 0060 0148 0188 0224 0244 0272 0299 0303 0304 0516 0567
Biological monitoring	0003 0051 0081 0108 0113 0144 0148 0183 0183 0207 0210 0224 0272 0299 0300 0301 0309 0321 0350 0354 0516 0549 0560 0567 0575 0591
Biological weapons	0409
Biomarkers	0060 0094 0096 0112 0113 0124 0125 0144 0364 0374 0610
Biomechanical modeling	0046 0064 0088 0089 0341 0349 0350 0475 0487 0598 0599 0600
Biomedical engineering	0182 0239
Biostatistics	0341
Black lung	0408 0427 0428 0433 0435 0436 0437 0442 0444
Bladder cancer	0020

Keyword	Citation Number(s)
Blasting agents	0119
Blood analysis	0060
Blood disorders	0183 0609 0610
Blood vessels	0140 0553
Bloodborne pathogens	0040 0056 0057 0161 0183 0333 0389 0390 0391 0392
Boat manufacturing industry	0023 0611
Body fluids	0056 0057 0183
Body weight	0360 0540
Boiler furnaces	0023
Bone disorders	0006
Bone marrow	0127
Brain disorders	0012 0277 0539 0560
Brain electrical activity	0282 0545
Brain function	0164 0214 0545 0560
Breast cancer	0111 0284 0594
Breathing	0004 0016 0127 0142 0224 0233 0253 0265 0273 0274 0280 0285 0308 0318 0331 0549 0558 0560 0564 0575 0591
Breathing zone	0127 0207 0207 0243 0253 0273 0280 0331 0558 0583 0607 0611 0612
Bronchial asthma	0036 0127 0128 0142 0199 0233 0275 0308 0318 0419 0420 0660
Bronchial cancer	0607
Burns	0371 0434 0443 0628 0652
Byssinosis	0419 0420
CGH array	0279
CO poisoning	0119
Cadmium compounds	0615 0617 0649
Cancer	0002 0043 0113 0139 0156 0211 0333 0355 0531 0539 0594 0604
Carbamates	0128
Carbon monoxide	0119
Carcinogenicity	0018 0139 0141 0144 0277 0531 0604
Carcinogens	0020 0139 0141 0163 0277 0359 0506 0531 0604 0608 0609
Cardiac function	0623 0625 0626 0629 0630 0631 0634 0635 0636 0638
Cardiopulmonary system disorders	0172 0527
Cardiovascular function	0258 0351 0527 0623 0625 0626 0629 0630 0631 0634 0635 0636 0638
Cardiovascular system disorders	0351 0377 0445 0515 0527 0592 0623 0625 0626 0629 0630 0631 0634 0635 0636 0638
Case studies	0123 0199 0339
Cattle industry	0138
Cell alteration	0139 0140 0237 0357 0490 0522 0531 0606 0608
Cell cultures	0190 0191 0237 0253 0284 0300 0355 0570 0604
Cell differentiation	0012 0017 0062 0144 0175 0489
Cell metabolism	0062 0139 0140 0141 0142 0144 0175 0224 0240 0308 0336 0353 0489 0530 0545 0591
Cell transformation	0018 0062 0139 0140 0144 0175 0237 0300 0301 0336 0357 0479 0490 0493 0522 0530 0531 0606 0608
Cell wall permeability	0140 0224 0592
Cellular function	0012 0062 0112 0140 0143 0161 0240 0279 0298 0335 0355 0385 0386 0591
Cellular reactions	0017 0029 0030 0062 0112 0122 0140 0142 0144 0148 0161 0170 0175 0187 0210 0224 0239 0272 0282 0299 0353 0355 0357 0385 0386 0489 0490 0493 0516 0522 0530 0531 0567 0606 0608



## X. Keyword Index

<b>Keyword</b>	<b>Citation Number(s)</b>
<b>Cellular respiration</b>	0224 0279 0298 0591
<b>Cellular structures</b>	0012 0239 0300 0301
<b>Cellular transport mechanism</b>	0140 0144 0175 0224 0335 0545
<b>Cellular uptake</b>	0353 0493
<b>Cement industry</b>	0276 0572
<b>Central nervous system disorders</b>	0612 0642
<b>Ceramic materials</b>	0196 0288 0655
<b>Ceramics industry</b>	0288 0655
<b>Cerebrospinal fluid</b>	0164
<b>Cerebrovascular system</b>	0282
<b>Chelating agents</b>	0065 0482
<b>Chemical agent detectors</b>	0094
<b>Chemical analysis</b>	0008 0045 0113 0187 0188 0489
<b>Chemical binding</b>	0115 0139 0146 0187 0488 0559
<b>Chemical composition</b>	0008 0094 0113 0115 0146 0307 0311 0336 0489
<b>Chemical deposition</b>	0115 0146
<b>Chemical hypersensitivity</b>	0008 0018 0051 0065 0110 0113 0134 0142 0147 0187 0273 0288 0299 0311 0312 0348 0456 0457 0482 0488 0559 0572 0581
<b>Chemical indicators</b>	0188 0488 0489
<b>Chemical inhibition</b>	0336
<b>Chemical kinetics</b>	0142
<b>Chemical processing</b>	0163 0288 0311 0457 0613
<b>Chemical properties</b>	0018 0065 0094 0107 0110 0113 0115 0146 0147 0161 0188 0207 0288 0294 0307 0312 0336 0385 0386 0457 0482 0488 0559 0572 0592
<b>Chemical reactions</b>	0018 0094 0107 0113 0115 0139 0146 0187 0488 0489 0559
<b>Chemical structure</b>	0312
<b>Chemical synthesis</b>	0094 0115 0146 0187 0218 0288 0307 0336 0489
<b>Chemical warfare agents</b>	0409 0418 0559
<b>Chemoreceptors</b>	0187 0188 0307 0335 0488
<b>Chemotherapy</b>	0335 0355
<b>Chest x-rays</b>	0416
<b>Children</b>	0101 0314 0318 0371 0497 0508
<b>Chlorine compounds</b>	0643 0656
<b>Chromatographic analysis</b>	0045
<b>Chromium compounds</b>	0147
<b>Chromosome disorders</b>	0300 0570
<b>Chronic exposure</b>	0148 0172 0275 0339 0516 0570
<b>Cigarette smoking</b>	0227
<b>Circadian rhythms</b>	0303 0304 0330
<b>Circulatory system</b>	0140
<b>Cleaning compounds</b>	0008 0041 0199 0238
<b>Clinical chemistry</b>	0125
<b>Clinical diagnosis</b>	0111 0112
<b>Clinical tests</b>	0111 0125
<b>Clothing</b>	0617
<b>Coal dust</b>	0016 0030 0120 0241 0243 0357 0372 0383 0419 0420 0483 0505 0606
<b>Coal miners</b>	0016 0030 0032 0159 0328 0332 0357 0372 0379 0383 0407 0408 0423 0424 0427 0428 0435 0436 0437 0444 0461 0469 0477 0478 0536 0561 0577 0606
<b>Coal processing</b>	0150 0159 0357 0606

<b>Keyword</b>	<b>Citation Number(s)</b>
<b>Coal products</b>	0332
<b>Coal workers pneumoconiosis</b>	0016 0357 0372 0383 0408 0419 0420 0433 0442 0606
<b>Combustion chambers</b>	0208
<b>Comfort zones</b>	0077
<b>Communication workers</b>	0659
<b>Computer models</b>	0098 0123 0150 0151 0152 0306 0356 0447 0466 0492 0520 0548 0556 0576 0582 0593
<b>Computer software</b>	0294 0363 0393 0534
<b>Confined spaces</b>	0168 0648
<b>Construction equipment</b>	0089 0132 0402 0403 0599 0600 0618
<b>Construction materials</b>	0008 0085 0323 0402 0403 0585
<b>Construction workers</b>	0009 0064 0085 0132 0173 0302 0321 0326 0400 0401 0402 0403 0474 0509 0572 0599 0600 0618
<b>Contact dermatitis</b>	0147 0572 0647
<b>Contagious diseases</b>	0281
<b>Contaminated food</b>	0280
<b>Control methods</b>	0109 0196 0235 0260 0507 0612 0614
<b>Control technology</b>	0024 0033 0070 0078 0098 0109 0180 0196 0204 0208 0220 0221 0222 0241 0256 0261 0270 0278 0289 0290 0292 0380 0394 0395 0396 0402 0403 0411 0423 0424 0425 0448 0449 0450 0461 0462 0465 0470 0477 0478 0483 0492 0501 0504 0511 0529 0536 0546 0557 0561 0562 0577 0578 0580 0582 0588 0595 0596 0602 0611 0612 0613 0614 0615 0616 0617 0648 0650 0653 0655
<b>Copper compounds</b>	0616
<b>Correctional facilities</b>	0617
<b>Cotton dust</b>	0419 0420
<b>Cumulative trauma disorders</b>	0223 0322 0349 0384 0641 0650 0653 0654 0657
<b>Cutting tools</b>	0381
<b>Cytotoxins</b>	0147 0158 0572
<b>DNA adducts</b>	0137 0489
<b>DNA damage</b>	0237 0506 0604 0609
<b>Data processing</b>	0156 0211 0212 0229
<b>Demographic characteristics</b>	0022 0023 0040 0047 0128 0195 0249 0351 0508 0540 0550 0565 0642 0648
<b>Dentistry</b>	0217 0218 0251
<b>Depressants</b>	0227
<b>Deprivation</b>	0330
<b>Dermatitis</b>	0066 0433 0442 0457 0521 0647 0656 0660
<b>Developmental disorders</b>	0101
<b>Diagnostic techniques</b>	0039
<b>Diesel emissions</b>	0102 0232 0332 0476 0494 0513 0530 0552 0651
<b>Diesel engines</b>	0102 0332 0494
<b>Dietary effects</b>	0075 0174
<b>Diffusion analysis</b>	0103
<b>Disabled workers</b>	0412
<b>Disaster planning</b>	0262 0270
<b>Disease prevention</b>	0192 0260 0268 0372 0385 0386
<b>Dockworkers</b>	0179
<b>Dose response</b>	0043 0101 0103 0155 0156 0211 0212 0229 0230 0280 0295 0327 0530
<b>Dosimetry</b>	0043 0050 0224 0327 0530 0659
<b>Drug interaction</b>	0187
<b>Drug receptor</b>	0188 0214

## X. Keyword Index

<b>Keyword</b>	<b>Citation Number(s)</b>
<b>Dry cleaning solvents</b>	0207 0250
<b>Dust analysis</b>	0017 0210 0248 0290 0308 0312 0603
<b>Dust collectors</b>	0180 0261 0529 0562
<b>Dust control equipment</b>	0033 0180 0213 0241 0243 0256 0261 0263 0331 0402 0403 0425 0476 0480 0529 0552 0562 0589
<b>Dust counters</b>	0210 0513
<b>Dust exposure</b>	0016 0017 0030 0033 0086 0109 0148 0174 0180 0198 0210 0241 0243 0248 0253 0263 0272 0274 0279 0290 0298 0307 0308 0312 0419 0420 0425 0495 0516 0529 0603 0617
<b>Dust inhalation</b>	0109 0180 0248 0263 0274 0279 0290 0298 0307 0419 0420 0479 0529 0603
<b>Dust masks</b>	0083
<b>Dust measurement</b>	0290 0308 0312 0328 0425 0476 0513 0552 0589 0603
<b>Dust particles</b>	0030 0148 0174 0180 0198 0248 0263 0272 0274 0290 0307 0308 0459 0476 0481 0513 0516 0529 0552 0558 0589 0603
<b>Dust sampling</b>	0290 0312 0328
<b>Dyes</b>	0020
<b>Ear disorders</b>	0320
<b>Electric power transmission lines</b>	0453
<b>Electrical mobility</b>	0236
<b>Electrical safety</b>	0053 0453
<b>Electrical shock</b>	0445 0453
<b>Electrochemical analysis</b>	0107 0162
<b>Electrochemistry</b>	0162
<b>Electrocutions</b>	0445 0453 0495
<b>Electromagnetic fields</b>	0647 0652
<b>Electron spin resonance</b>	0574
<b>Electron radiation</b>	0156 0211
<b>Electronics industry</b>	0250
<b>Electroplaters</b>	0648
<b>Emergency equipment</b>	0366 0503
<b>Emergency responders</b>	0007 0010 0040 0069 0130 0136 0195 0262 0270 0286 0305 0330 0366 0389 0390 0391 0392 0409 0445 0503 0515 0538 0619 0620 0621 0622 0623 0624 0625 0626 0629 0630 0631 0632 0633 0634 0635 0636 0637 0638 0639
<b>Emission sources</b>	0211 0213 0295 0342
<b>Emotional stress</b>	0171
<b>Employee exposure</b>	0043 0327
<b>Endocrine system disorders</b>	0594
<b>Endotoxins</b>	0074 0266 0603 0643 0656
<b>Engineering controls</b>	0024 0033 0070 0078 0098 0104 0109 0129 0131 0149 0180 0204 0208 0213 0219 0220 0221 0222 0241 0256 0261 0278 0289 0291 0292 0363 0368 0376 0380 0394 0395 0396 0398 0402 0403 0411 0423 0424 0425 0448 0449 0450 0461 0462 0463 0465 0468 0470 0477 0478 0483 0492 0501 0504 0511 0529 0536 0541 0546 0556 0557 0561 0562 0577 0578 0580 0582 0588 0593 0595 0596 0601 0602 0611 0612 0613 0614 0615 0616 0617 0648 0650 0653 0654 0655 0656
<b>Environmental contamination</b>	0018 0107 0116 0117 0155 0174 0266 0275 0530 0617
<b>Environmental exposure</b>	0018 0107 0116 0117 0141 0155 0174 0188 0266 0274 0313 0348 0530 0539 0574
<b>Environmental factors</b>	0107 0117 0125 0156 0188 0211 0212 0215 0229 0274 0295 0313

<b>Keyword</b>	<b>Citation Number(s)</b>
<b>Environmental hazards</b>	0018 0107 0116 0117 0141 0188 0274
<b>Environmental health monitoring</b>	0013 0014 0188 0226 0274
<b>Environmental medicine</b>	0018 0125 0226
<b>Environmental pollution</b>	0116 0117 0530
<b>Environmental stress</b>	0215
<b>Enzyme activity</b>	0336
<b>Epidemiology</b>	0075 0081 0087 0095 0148 0164 0189 0227 0248 0249 0251 0274 0292 0309 0313 0330 0351 0372 0419 0420 0421 0422 0426 0516 0539 0540 0547 0565 0594 0603
<b>Equipment design</b>	0077 0133 0145 0181 0244 0286 0566
<b>Equipment operators</b>	0138 0197 0258 0340 0452 0466 0566
<b>Ergonomics</b>	0064 0069 0104 0157 0193 0223 0228 0245 0255 0258 0276 0286 0302 0322 0338 0349 0363 0384 0407 0412 0484 0487 0597 0641 0650 0653 0654 0655 0657
<b>Exhaust gases</b>	0649 0651
<b>Exhaust hoods</b>	0613 0614
<b>Exhaust ventilation</b>	0213 0235 0400 0401 0613 0614
<b>Explosion prevention</b>	0120 0306 0397 0398 0505 0520 0576
<b>Explosive atmospheres</b>	0119 0120 0388 0505 0520
<b>Explosive dusts</b>	0120 0505
<b>Explosive gases</b>	0119 0388 0397 0398 0520
<b>Exposure assessment</b>	0003 0007 0015 0019 0021 0043 0081 0101 0108 0115 0119 0123 0149 0156 0161 0163 0183 0190 0191 0205 0207 0211 0212 0229 0235 0237 0249 0253 0258 0266 0295 0309 0311 0327 0354 0383 0543 0611 0612 0613 0614 0615 0616 0617
<b>Exposure chambers</b>	0209 0455
<b>Exposure limits</b>	0085 0253 0513 0552 0612 0617
<b>Exposure methods</b>	0021 0113 0115 0119 0190 0191 0209
<b>Extended work periods</b>	0052 0259
<b>Extended cut mining</b>	0590
<b>Extension ladders</b>	0133
<b>Eye irritants</b>	0656
<b>Eye protection</b>	0449 0450
<b>Failure analysis</b>	0368
<b>Fall prevention</b>	0133
<b>Fall protection</b>	0451 0644 0645 0646
<b>Fast response</b>	0236
<b>Feeding study</b>	0574
<b>Fiber deposition</b>	0081 0309
<b>Fiberglass industry</b>	0337
<b>Fibrogenesis</b>	0296 0564 0591
<b>Fibrogenicity</b>	0357 0522 0564 0575 0591 0606
<b>Fibrosis</b>	0196 0297
<b>Fibrous bodies</b>	0081 0196 0309 0334 0357 0370 0479 0564 0591 0606
<b>Fibrous dusts</b>	0118 0196 0246 0334 0337 0357 0370 0479 0522 0606 0611 0655
<b>Fibrous glass</b>	0337 0611 0612 0651 0655
<b>Filter materials</b>	0332
<b>Filters</b>	0180 0476 0529 0555 0589
<b>Fire extinguishing systems</b>	0078 0323 0585 0586 0587
<b>Fire fighters</b>	0007 0069 0105 0136 0389 0390 0391 0392 0445 0619 0620 0621 0622 0622 0623 0624 0625 0626 0627 0628 0629 0630 0631 0632 0633 0634 0635 0636 0637 0638 0639

## X. Keyword Index

<b>Keyword</b>	<b>Citation Number(s)</b>
<b>Fire fighting equipment</b>	0069 0105 0445 0586 0620 0621 0622 0624 0627 0628 0632 0633
<b>Fire hazards</b>	0102 0105 0130 0323 0398 0445 0494 0585 0619 0624 0628
<b>Fire protection</b>	0102 0494
<b>Fire resistant materials</b>	0323 0585
<b>Fire retardants</b>	0079 0586 0587
<b>Fire safety</b>	0079 0105 0445 0619 0621 0622 0624 0627 0628 0632
<b>First aid</b>	0130 0262
<b>Fishing industry</b>	0058 0177 0178 0179 0184 0185
<b>Flammable gases</b>	0344 0345 0398
<b>Flight personnel</b>	0342
<b>Fluorescence spectrometry</b>	0563
<b>Food additives</b>	0055 0235 0373 0613 0614
<b>Food contaminants</b>	0174
<b>Food processing workers</b>	0149 0164 0235 0373 0484 0613 0614
<b>Forestry workers</b>	0047 0058 0184 0185 0421 0422
<b>Foundry workers</b>	0615
<b>Fumes</b>	0009 0084 0119 0307 0359 0455 0458 0530 0547 0583 0607 0648
<b>Fumigants</b>	0128
<b>Fungal infections</b>	0004 0034 0126 0194 0248 0274 0285 0502
<b>Fungicides</b>	0049 0051 0106 0126 0128 0206
<b>Gait analysis</b>	0046
<b>Gas detectors</b>	0342
<b>Gas indicators</b>	0517 0518
<b>Gas industry</b>	0082 0219
<b>Gas liquid chromatography</b>	0045
<b>Gas sampling</b>	0232
<b>Gas welders</b>	0607
<b>Gases</b>	0115 0119 0146 0339
<b>Gene mutation</b>	0374 0490
<b>Genetic disorders</b>	0490
<b>Genetic factors</b>	0012 0112 0127 0144 0187 0237 0279 0284 0284 0300 0300 0301 0307 0313 0374 0489 0570 0583 0604
<b>Genotoxic effects</b>	0020 0187 0237 0489 0490 0506 0522 0531
<b>Genotoxicity</b>	0144 0237 0522 0531
<b>Geology</b>	0098 0152 0203 0222 0492 0512 0519 0542 0546 0556 0582 0593
<b>Germicides</b>	0194
<b>Gloves</b>	0449 0450 0642
<b>Glycols</b>	0055
<b>Gold mines</b>	0429 0438
<b>Ground stability</b>	0070 0097 0186 0220 0221 0222 0462 0464 0467 0491 0511 0535 0546 0556 0557 0580 0588 0593 0595 0596
<b>Groundskeeping workers</b>	0421 0422
<b>Growth factors</b>	0574
<b>HIV</b>	0056 0057 0237 0390 0391
<b>Hairdressers</b>	0020
<b>Hand injuries</b>	0088 0182 0350 0598 0648 0650
<b>Hand tools</b>	0087 0091 0157 0202 0541 0601
<b>Hazardous materials</b>	0106 0294 0579
<b>Hazardous waste cleanup</b>	0074
<b>Health care facilities</b>	0035 0228 0413 0414 0484
<b>Health care personnel</b>	0035 0037 0040 0052 0092 0183 0195 0228 0251 0270 0365 0377

<b>Keyword</b>	<b>Citation Number(s)</b>
<b>Health care personnel (cont.)</b>	0389 0392 0413 0414 0449 0450 0484 0521 0526 0581
<b>Health communication</b>	0317
<b>Health hazards</b>	0008 0074 0075 0080 0106 0106 0116 0247 0270 0293 0294 0449 0450 0581
<b>Health physicists</b>	0538
<b>Health programs</b>	0226 0293
<b>Health sciences</b>	0080
<b>Health standards</b>	0226 0293 0538
<b>Health surveys</b>	0005 0008 0075 0080 0106 0183 0515 0538
<b>Hearing conservation</b>	0077 0135 0393 0454 0461 0477 0478 0495 0536 0561 0577 0602 0641 0648 0659
<b>Hearing disorders</b>	0006 0244 0257 0320 0454 0461 0477 0478 0498 0499 0536 0577 0602
<b>Hearing impairment</b>	0135 0320 0427 0429 0430 0431 0432 0433 0434 0435 0436 0438 0439 0440 0441 0442 0443 0444 0454 0461 0477 0478 0495 0498 0499 0536 0577 0602 0659
<b>Hearing protection</b>	0077 0244 0257 0367 0454 0641 0642 0642 0648 0648
<b>Heat exposure</b>	0184 0185 0641
<b>Heat regulation</b>	0208
<b>Heat stress</b>	0184 0185 0617 0641 0644 0645 0646
<b>Heat stroke</b>	0184 0185 0433 0434 0442 0443
<b>Heating equipment</b>	0208
<b>Heavy metals</b>	0107 0321 0616 0617 0648 0649
<b>Hematology</b>	0321
<b>Hematopoietic system</b>	0610
<b>Hepatic microsomal enzymes</b>	0029
<b>Hepatitis</b>	0056 0057 0389 0390 0391 0392
<b>Hepatotoxicity</b>	0161 0175
<b>Herbicides</b>	0128 0175 0277
<b>Histochemical analysis</b>	0218 0471 0472
<b>Histopathology</b>	0144 0154 0175 0233 0389 0392 0471
<b>Hormone activity</b>	0055
<b>Hot environments</b>	0184 0185
<b>Humidity</b>	0015 0184 0185 0656
<b>Hydrocarbons</b>	0009 0398
<b>Hydroxy compounds</b>	0170
<b>Hypersensitivity</b>	0006 0134 0660
<b>Hypersensitivity pneumonitis</b>	0419 0420
<b>Hypertension</b>	0006 0351 0351
<b>Ignition sources</b>	0397
<b>Immune reaction</b>	0013 0014 0034 0039 0127 0144 0154 0175 0187 0353 0360 0493
<b>Immune system disorders</b>	0004 0009 0034 0127 0154 0175 0249 0285 0369 0473 0493 0502 0549 0560 0573
<b>Immunochemistry</b>	0013 0014 0187 0472 0493
<b>Immunologic disorders</b>	0009 0034 0249 0307 0354
<b>Immunological tests</b>	0034 0360 0473 0573
<b>Immunotoxins</b>	0144 0154 0175 0354 0560
<b>Impact noise</b>	0477 0641 0648
<b>Impulse noise</b>	0320
<b>In-vitro studies</b>	0231 0254 0297 0551
<b>In-vivo studies</b>	0231 0254 0551
<b>Indoor air pollution</b>	0008 0115 0194 0199 0275 0658

## X. Keyword Index

Keyword	Citation Number(s)
Indoor environmental quality	0008 0115 0146 0168 0194 0199 0275 0658
Industrial education	0129 0131 0291
Industrial engineering	0131 0179
Industrial exposures	0047 0086 0235 0614 0615
Industrial hygiene	0044 0378 0382
Industrial noise	0320
Industrial safety	0131
Infection control	0056 0057 0183 0192 0194 0268 0365 0387 0389 0392 0404 0405
Infectious diseases	0056 0057 0183 0183 0192 0194 0268 0270 0365 0377 0387 0392 0404 0405
Inflammation	0021
Information dissemination	0399
Information retrieval systems	0219 0275 0496
Inhalation studies	0026 0117 0134 0190 0191 0207 0209 0233 0248 0455 0458 0459 0479 0514 0527 0530 0547 0553 0564 0575 0583 0591 0603 0607
Injury prevention	0024 0035 0044 0064 0070 0097 0098 0099 0104 0131 0173 0177 0178 0193 0203 0204 0222 0223 0255 0322 0326 0368 0371 0376 0381 0384 0385 0386 0410 0412 0421 0422 0426 0448 0451 0452 0453 0463 0465 0474 0484 0492 0495 0497 0508 0509 0512 0528 0542 0546 0550 0566 0582 0618 0619 0620 0621 0622 0624 0627 0628 0632 0633 0637 0639 0653
Insecticides	0128 0344 0345
Insects	0280
Insulation workers	0023
Intestinal cells	0334
Ionizing radiation	0640
Irradiation	0281 0282
Irritant gases	0339
Irritants	0066 0521
Isocyanates	0036 0382
Job analysis	0076 0156 0211 0212 0229
Job stress	0413 0414
Joint translation	0046
Kidney disorders	0319
Kidney necrosis	0225
Knee protection	0407
Laboratory techniques	0015 0089 0190 0191 0216 0217 0218 0236 0282
Laboratory testing	0028 0030 0089 0094 0127 0142 0170 0208 0236 0243 0272 0279 0280 0298 0332 0362 0456 0527 0553
Laboratory workers	0163 0182
Landscape services workers	0421 0422
Law enforcement workers	0286
Lawn and garden equipment	0421 0422
Lead absorption	0101 0174
Lead compounds	0107 0161 0321 0615 0617 0649
Leukemogenesis	0333
Lifting	0193
Light source	0568 0569
Liquid chromatography	0045
Liver disorders	0183
Liver function	0029 0161

<b>Keyword</b>	<b>Citation Number(s)</b>
<b>Liver microsomes</b>	0029
<b>Livestock industry</b>	0138 0249
<b>Long work hours</b>	0052 0259
<b>Longwall mining</b>	0024 0151 0186 0222 0306 0323 0356 0388 0464 0465 0476 0500 0517 0518 0519 0546 0571 0576 0582 0585 0593 0605
<b>Lost work days</b>	0427 0428 0429 0430 0431 0432 0433 0434 0435 0436 0437 0438 0439 0440 0441 0442 0443 0444
<b>Lumber industry workers</b>	0083
<b>Lung adenocarcinoma</b>	0279
<b>Lung burden</b>	0141 0265 0274 0308 0311 0490 0544 0558 0559
<b>Lung cancer</b>	0019 0081 0163 0287 0309 0335 0355 0604
<b>Lung disease</b>	0023 0081 0112 0149 0198 0200 0201 0235 0287 0309 0335 0357 0358 0372 0373 0408 0419 0420 0427 0428 0433 0435 0436 0437 0442 0444 0522 0547 0583 0603 0604 0606 0607 0613 0614
<b>Lung irritants</b>	0009 0019 0081 0127 0141 0198 0248 0272 0273 0279 0280 0287 0298 0308 0309 0353 0357 0419 0420 0455 0458 0490 0522 0544 0547 0558 0559 0583 0603 0606 0607
<b>Lymph nodes</b>	0045
<b>Lymphatic system disorders</b>	0544
<b>Machine operators</b>	0099
<b>Machine shop workers</b>	0099 0615 0616
<b>Magnetic fields</b>	0329
<b>Malignant neoplasms</b>	0419 0420 0604
<b>Mammalian cells</b>	0144
<b>Manual lifting</b>	0228 0276 0377 0412 0650 0654 0657
<b>Masons</b>	0276 0400 0401
<b>Materials handling</b>	0024 0276 0412 0428 0429 0430 0431 0432 0433 0434 0435 0437 0438 0439 0440 0441 0442 0443 0444 0465 0650 0654 0657
<b>Mathematical models</b>	0009 0025 0028 0036 0042 0046 0061 0080 0081 0089 0091 0103 0111 0112 0118 0126 0150 0152 0162 0168 0171 0176 0182 0216 0217 0218 0242 0243 0246 0248 0252 0277 0287 0303 0304 0309 0310 0320 0329 0346 0350 0356 0447 0464 0475 0488
<b>Measurement equipment</b>	0168 0244 0329
<b>Meat-packing industry</b>	0653
<b>Mechanical properties</b>	0338
<b>Mechanics</b>	0659
<b>Medical examinations</b>	0623 0625 0626 0629 0630 0631 0634 0635 0636 0638
<b>Medical monitoring</b>	0156 0211 0212 0229 0295 0419 0420 0623 0625 0626 0629 0630 0631 0634 0635 0636 0638
<b>Medical personnel</b>	0037 0092 0228 0281 0365 0526 0581
<b>Menstrual disorders</b>	0171 0526
<b>Mental fatigue</b>	0314 0343
<b>Mental health</b>	0171 0314 0330 0343
<b>Mental processes</b>	0042 0314
<b>Mesothelial cells</b>	0239 0355
<b>Metabolic activation</b>	0188
<b>Metabolic disorders</b>	0377
<b>Metal compounds</b>	0457 0459 0558 0608
<b>Metal dusts</b>	0339 0531 0558 0608 0615 0649
<b>Metal fume fever</b>	0459
<b>Metal mining</b>	0078 0327 0427 0429 0434 0436 0438 0443 0552
<b>Metal oxides</b>	0558 0608
<b>Metal poisoning</b>	0531 0558 0608



## X. Keyword Index

Keyword	Citation Number(s)
Metal refining	0457
Metallic poisons	0107 0558 0608
Metalworking fluids	0045 0457 0647 0648 0660
Metalworking industry	0457 0660
Methane control	0151 0152 0388 0397 0500 0517 0518 0519 0520 0571 0584
Methane drainage	0151 0152 0388 0500 0519 0571
Microbial test systems	0190 0191
Microbiology	0048 0190 0191 0502 0549
Microorganisms	0048 0049 0073 0194 0206 0266 0281 0603 0643 0656
Microscopic analysis	0370 0502
Military personnel	0039
Milling industry	0311 0375 0579
Mine disasters	0160 0504 0596
Mine fires	0078 0102 0415 0494 0586 0587 0605
Mine gases	0119 0150 0232 0332
Mine rescue	0160 0415
Mine seals	0278 0380 0406
Mine shafts	0070 0097 0278 0462 0464 0491 0511 0557 0580 0588 0595 0596
Mineral dusts	0169 0243 0339
Mineral processing	0375 0578 0602
Miners	0031 0032 0033 0072 0119 0138 0159 0243 0278 0322 0363 0407 0410 0419 0420 0427 0428 0435 0436 0437 0444 0461 0463 0470 0478 0536 0561
Mining equipment	0031 0033 0078 0079 0159 0180 0241 0243 0256 0261 0323 0363 0398 0411 0423 0424 0425 0447 0461 0466 0477 0478 0520 0529 0536 0555 0561 0562 0566 0568 0569 0582 0585
Molds	0073 0199 0266 0274 0275 0643
Molecular biology	0140 0217 0218 0237 0239 0357 0522 0531 0592 0606
Molecular structure	0217 0218 0329 0357 0385 0386 0522 0531 0606
Monitoring systems	0027 0168 0180 0238 0324 0453 0462 0529 0566 0580 0584 0588 0589 0595
Morbidity rates	0016 0018 0183 0275 0375 0419 0420 0460
Mortality rates	0002 0016 0022 0023 0047 0053 0067 0068 0163 0172 0177 0178 0184 0185 0198 0200 0201 0219 0251 0330 0333 0419 0420 0460 0474 0509 0594
Mortality surveys	0053 0172 0198 0419 0420 0460
Motion studies	0193 0338
Motor vehicles	0219 0366 0371 0445 0452 0503 0633 0637 0639
Mucous membranes	0143 0514
Muscle physiology	0021 0143 0271
Muscle relaxants	0143
Muscle stress	0021 0271 0276
Muscular disorders	0650
Musculoskeletal system disorders	0052 0059 0087 0090 0104 0182 0193 0197 0228 0255 0258 0259 0276 0322 0338 0349 0377 0384 0407 0412 0495 0597 0641 0650 0653 0654 0657
Musicians	0498 0499 0499
Mutagenicity	0237
Mycotoxins	0660
Myosin heavy chain	0021
Nasal disorders	0105 0514
Natural gas	0219
Neck injuries	0197

<b>Keyword</b>	<b>Citation Number(s)</b>
<b>Needlestick injuries</b>	0040 0195 0377 0389 0392
<b>Nephrological disorders</b>	0161 0319
<b>Nerve fibers</b>	0214
<b>Nerve function</b>	0091 0094 0161
<b>Nervous system disorders</b>	0094 0524 0525
<b>Nervous system function</b>	0161 0231 0551
<b>Neurological reactions</b>	0091 0094 0164 0214 0215 0523 0524 0525 0642 0652
<b>Neurological system</b>	0091 0094 0164 0214 0214 0231 0551 0612 0652
<b>Neuromotor function</b>	0642
<b>Neuromotor system</b>	0214
<b>Neuropathology</b>	0170 0234 0471 0545 0554
<b>Neuropharmacology</b>	0234 0554
<b>Neurophysiology</b>	0214 0231 0234 0524 0525 0545 0551 0554
<b>Neurotoxic effects</b>	0094 0170 0234 0250 0471 0554
<b>Neurotransmitters</b>	0214 0231 0234 0234 0545 0551 0554 0554
<b>Neutron radiation</b>	0156 0211 0212 0229 0295
<b>Nickel compounds</b>	0617
<b>Noise analysis</b>	0611
<b>Noise control</b>	0423 0424 0470 0477 0578
<b>Noise exposure</b>	0031 0050 0135 0159 0320 0367 0461 0478 0498 0499 0536 0561 0577 0602 0648 0659
<b>Noise induced hearing loss</b>	0031 0135 0159 0320 0393 0423 0424 0454 0461 0469 0470 0477 0478 0498 0499 0536 0577 0602 0648 0659
<b>Noise measurement</b>	0050 0159 0320
<b>Noise propagation</b>	0477
<b>Noise protection</b>	0159 0367 0454
<b>Noise transmission</b>	0159
<b>Nonionizing radiation</b>	0652
<b>Nonmetal mining</b>	0078 0427 0430 0434 0435 0436 0439 0443 0444 0552
<b>Nuclear energy</b>	0043 0155 0156 0211 0212 0229 0230 0295
<b>Nuclear engineering</b>	0163
<b>Nuclear hazards</b>	0155 0163 0230 0333
<b>Nuclear power plants</b>	0333
<b>Nuclear properties</b>	0062 0155 0230
<b>Nuclear radiation</b>	0002 0043 0156 0211 0212 0229 0295 0333
<b>Nuclear reactors</b>	0163
<b>Nurses</b>	0228 0365 0377 0526 0581
<b>Nutrition</b>	0215 0574
<b>Occupational accidents</b>	0063 0129 0131 0219 0368
<b>Occupational diseases</b>	0022 0036 0047 0149 0198 0199 0273 0288 0339 0372 0419 0420
<b>Occupational exposure</b>	0016 0019 0022 0036 0040 0041 0043 0047 0051 0077 0085 0106 0113 0130 0147 0149 0155 0156 0172 0183 0192 0195 0196 0197 0198 0198 0200 0201 0205 0207 0211 0212 0226 0229 0230 0258 0262 0270 0273 0273 0288 0295 0322 0327 0330 0333 0334 0339 0372 0385 0386 0419 0420 0460 0474 0509 0530 0539 0543 0558 0572 0608
<b>Occupational hazards</b>	0051 0114 0119 0172 0293 0294 0316 0322 0372 0385 0386 0460 0474 0509
<b>Occupational health programs</b>	0129 0226 0316 0322 0617
<b>Occupational medicine programs</b>	0226 0316
<b>Occupational psychology</b>	0293 0330
<b>Occupational respiratory disease</b>	0051 0198 0419 0420 0530

## X. Keyword Index

Keyword	Citation Number(s)
Occupational safety programs	0114 0129 0131 0177 0178 0183 0270 0316 0317 0322 0368 0385 0386 0426 0617
Occupational sociology	0114 0293 0316
Oil industry	0219 0451 0452
Oil refinery workers	0219
Oncogenic agents	0062
Oncogenicity	0062 0539
Organic compounds	0115 0134 0146 0238 0342 0574 0655
Organic dusts	0249 0339 0655
Organic pigments	0020
Organic solvents	0339 0642
Organic vapors	0020 0115 0146 0339 0642
Organo phosphorus pesticides	0128
Organs	0043
Osteogenesis	0579
Oxidative enzymes	0065 0482
Oxidative metabolism	0017 0060 0061 0065 0148 0298 0479 0482 0516 0564
Oxidative processes	0060 0065 0148 0298 0482 0516
Pain tolerance	0171
Paint spraying	0036 0083
Painters	0085 0321
Paper manufacturing industry	0084
Paramedical services	0007 0040 0136 0390 0391 0392
Particle aerodynamics	0009 0017 0025 0030 0148 0162 0190 0191 0210 0213 0232 0233 0236 0246 0248 0263 0290 0311 0331 0332 0337 0485 0516 0522 0527 0544 0553 0608
Particle counters	0118 0162 0169 0236 0248 0312 0394 0395 0396
Particulate dust	0017 0100 0118 0148 0190 0191 0210 0232 0233 0240 0243 0248 0253 0263 0272 0279 0290 0296 0298 0308 0332 0337 0459 0476 0481 0485 0513 0516 0522 0527 0530 0544 0549 0552 0553 0560 0564 0567 0575 0589 0591 0608 0655
Particulate sampling methods	0017 0162 0190 0191 0232 0236 0243 0312 0332 0544
Pathogenicity	0183 0357 0522 0531 0606 0608
Pathogens	0357 0522 0531 0606
Pathology	0372
Pathomorphology	0357 0522 0531 0606
Performance capability	0093 0138
Peripheral nervous system	0164
Personal protective equipment	0073 0077 0085 0086 0145 0257 0264 0267 0268 0289 0290 0326 0362 0367 0382 0390 0391 0402 0403 0407 0409 0415 0417 0418 0449 0450 0454 0503 0559 0624 0628 0641 0642 0647 0648 0651
Personality traits	0093
Pest control	0344 0345 0456
Pesticides	0106 0110 0128 0344 0345 0456 0565
Phagocytic activity	0563
Pharmacodynamics	0280
Phosphorous compounds	0137
Physical chemistry	0591
Physical fitness	0061 0538 0621 0623 0625 0626 0629 0630 0631 0634 0635 0636 0638
Physical properties	0385 0386
Physical stress	0182 0625 0626 0629 0630 0634 0635 0636 0638
Physiological chemistry	0139 0311

<b>Keyword</b>	<b>Citation Number(s)</b>
Physiological factors	0021 0161 0350
Physiological response	0021 0139 0350
Physiological stress	0010 0108 0350
Phytogenic additive	0574
Pigeon breeders disease	0658
Pigments	0020 0148 0516
Pilots	0352
Plastic products	0086 0342
Plastics	0611 0612
Plastics industry	0086
Plethysmography	0265
Pleural cavity	0334
Pneumatic tools	0202 0541 0601
Pneumoconiosis	0198 0419 0420 0427 0428 0433 0435 0436 0437 0442 0444
Poison control	0174
Poisons	0106
Police officers	0007 0010 0061 0136 0286 0305 0330 0343 0389 0390 0391 0392 0515 0538 0637
Pollutants	0117
Polychlorinated biphenyls	0594
Polycyclic aromatic hydrocarbons	0041 0137
Polyurethane foams	0020
Postal employees	0658
Posture	0132 0157 0182 0193 0197 0245 0258 0322
Pottery industry	0655
Poultry industry	0192 0387 0404 0405 0653
Poultry workers	0192 0249 0387 0404 0405 0653
Power tools	0087 0089 0090 0400 0401 0487
Pregnancy	0581
Prenatal exposure	0101
Preventive medicine	0056 0057
Prison workers	0617
Prophylaxis	0056 0057
Protective clothing	0069 0289 0382 0390 0391 0409 0449 0450 0621 0628
Protective equipment	0036 0077 0145 0181 0244 0257 0264 0289 0290 0326 0362 0366 0382 0390 0391 0402 0403 0407 0409 0415 0417 0418 0449 0450 0454 0503 0559 0621 0628 0641 0647
Protein chemistry	0282
Psychological effects	0010 0076 0093 0227 0314 0340 0343 0347 0377 0413 0414
Psychological reactions	0010 0042 0093 0314 0330 0340 0343 0347 0377
Psychological responses	0005 0042 0076 0093 0314 0340 0347
Psychological stress	0005 0010 0095 0314 0330 0343 0413 0414 0532
Psychological testing	0076 0093 0314
Public health	0037 0056 0057 0117 0189 0226 0260 0275 0426
Pulmonary cancer	0030 0163 0570 0604
Pulmonary congestion	0141 0253 0273 0274 0279 0298 0308 0315
Pulmonary disorders	0009 0030 0134 0141 0142 0163 0198 0224 0233 0253 0272 0273 0308 0365 0419 0420 0455 0458 0459 0514 0530 0544 0547 0549 0553 0558 0560 0563 0564 0567 0575 0583 0591 0603
Pulmonary function	0030 0142 0224 0274 0279 0298 0315 0353 0419 0420 0514 0540 0553 0660
Pulmonary system disorders	0019 0030 0036 0051 0109 0112 0121 0127 0134 0141 0142 0149 0163 0172 0198 0200 0201 0224 0233 0253 0272 0273 0279 0296

## X. Keyword Index

Keyword	Citation Number(s)
<b>Pulmonary system disorders (cont.)</b>	0297 0298 0308 0339 0355 0357 0358 0365 0372 0383 0387 0400 0401 0404 0405 0408 0419 0420 0427 0428 0433 0435 0436 0437 0442 0444 0455 0458 0459 0479 0490 0495 0514 0522 0530 0531 0544 0547 0549 0553 0558 0559 0560 0563 0564 0567 0575 0583 0591 0603 0604 0606 0644 0645 0646 0658 0660
<b>Pulp industry</b>	0084
<b>Qualitative analysis</b>	0004 0208 0246 0329 0332 0350
<b>Quality control</b>	0048 0208 0246
<b>Quality standards</b>	0048 0378
<b>Quantitative analysis</b>	0016 0036 0110 0115 0146 0320 0348 0471 0485 0493 0545
<b>Quarry workers</b>	0031 0469 0537
<b>Quartz dust</b>	0109 0121 0141 0198 0308 0400 0401 0417 0644 0645 0646
<b>Questionnaires</b>	0004 0040 0059 0082 0083 0084 0110 0195 0249 0275 0314 0343
<b>ROPS prevalence</b>	0181
<b>Racial factors</b>	0006 0022 0047 0067 0068 0174 0184 0185 0301 0318 0351 0419 0420 0550 0565
<b>Radiation contamination</b>	0155 0230
<b>Radiation hazards</b>	0002 0155 0230 0300 0333
<b>Radiation measurement</b>	0043 0155 0156 0211 0212 0229 0295 0300
<b>Radiation properties</b>	0002 0043 0155 0230 0333
<b>Radio waves</b>	0652
<b>Radioactive contamination</b>	0163
<b>Radioactive materials</b>	0007
<b>Radiographic analysis</b>	0334 0416
<b>Railroad industry</b>	0104
<b>Reaction rates</b>	0143 0527
<b>Refractory metals</b>	0655
<b>Reinforced plastics</b>	0611
<b>Relative humidity</b>	0656
<b>Repetitive work</b>	0349 0412 0641 0650 0653 0654 0657
<b>Reproductive hazards</b>	0003 0055 0456
<b>Reproductive system disorders</b>	0003 0055 0286 0456
<b>Rescue workers</b>	0130 0262
<b>Respirable dust</b>	0033 0086 0100 0121 0180 0200 0201 0240 0241 0242 0243 0263 0296 0311 0332 0337 0400 0401 0417 0425 0483 0527 0529 0544 0644 0645 0646 0655
<b>Respirators</b>	0073 0074 0082 0083 0084 0085 0086 0145 0264 0266 0267 0269 0362 0415 0417 0418 0449 0450 0642 0648 0655
<b>Respiratory equipment</b>	0082 0085 0086 0145 0176 0263 0269 0331 0362
<b>Respiratory function tests</b>	0105 0269 0273 0362 0473 0514 0553 0573
<b>Respiratory irritants</b>	0004 0009 0030 0051 0105 0117 0130 0134 0163 0172 0198 0248 0262 0269 0272 0273 0280 0311 0315 0337 0362 0455 0459 0473 0514 0530 0544 0549 0553 0558 0560 0563 0564 0567 0573 0575 0591 0647 0651 0656
<b>Respiratory protection</b>	0082 0083 0149 0176 0264 0267 0268 0269 0362 0382 0402 0403
<b>Respiratory protective equipment</b>	0073 0083 0084 0085 0086 0145 0176 0264 0266 0267 0268 0269 0362 0382 0402 0403 0409 0415 0417 0418 0449 0450 0642 0648 0651 0655
<b>Retinal disorders</b>	0101
<b>Rheumatoid disorders</b>	0579
<b>Risk analysis</b>	0002 0006 0008 0044 0055 0058 0063 0066 0074 0080 0099 0107 0110 0113 0118 0132 0134 0142 0150 0173 0176 0198 0252 0257

<b>Keyword</b>	<b>Citation Number(s)</b>
<b>Risk analysis (cont.)</b>	0263 0269 0300 0301 0311 0322 0326 0330 0331 0343 0346 0378 0384 0448 0473 0515 0526 0535 0538 0581
<b>Road construction</b>	0321
<b>Road surfacing</b>	0009
<b>Rock falls</b>	0098 0203 0221 0222 0492 0512 0542 0546
<b>Rock mechanics</b>	0098 0203 0221 0222 0492 0512 0542 0546 0556 0582 0593
<b>Roofers</b>	0474
<b>Room and pillar mining</b>	0097 0098 0491 0492 0500
<b>Rubber manufacturing industry</b>	0086
<b>Rubber workers</b>	0086
<b>SRBC</b>	0009
<b>Safety belts</b>	0219 0451
<b>Safety climate</b>	0347
<b>Safety education</b>	0032 0042 0053 0129 0150 0173 0179 0195 0257 0291 0340 0347 0368 0618 0619 0622
<b>Safety engineering</b>	0129 0150 0179 0204 0290 0291 0368
<b>Safety equipment</b>	0079 0177 0178 0179 0195 0302 0326
<b>Safety monitoring</b>	0080 0347 0474 0509 0618
<b>Safety practices</b>	0053 0114 0119 0150 0152 0173 0195 0257 0266 0316 0340 0347 0385 0386 0451 0452 0497 0550 0618 0619 0620 0622 0633
<b>Sample preparation</b>	0001 0048 0137 0364 0507
<b>Sampling equipment</b>	0036 0169 0180 0324 0328 0529 0589
<b>Sampling methods</b>	0001 0017 0036 0041 0048 0115 0137 0146 0169 0180 0190 0191 0206 0238 0324 0332 0364 0529
<b>Sand and gravel mines</b>	0031 0427 0432 0434 0435 0436 0441 0443 0444 0469
<b>Sand blasting</b>	0558
<b>Sanitation</b>	0082 0281
<b>Sawmill workers</b>	0083
<b>Scaffolds</b>	0132 0368
<b>Scrubbers</b>	0590
<b>Sealing compounds</b>	0323 0585
<b>Self contained breathing apparatus</b>	0160 0415
<b>Sensitization</b>	0008 0134 0311 0457
<b>Sensory disorders</b>	0244
<b>Sex factors</b>	0061 0092 0225 0330 0419 0420 0565
<b>Shift workers</b>	0052 0330 0413 0414 0526
<b>Shipbuilding industry</b>	0023
<b>Shoe manufacturing</b>	0609
<b>Silica dusts</b>	0022 0083 0084 0109 0121 0180 0198 0201 0241 0242 0249 0372 0400 0401 0417 0419 0420 0460 0481 0495 0529 0558 0644 0645 0646 0655
<b>Silicate miners</b>	0460
<b>Silicosis</b>	0022 0198 0201 0308 0372 0419 0420 0427 0431 0436 0440 0481 0495 0644 0645 0646
<b>Simulation methods</b>	0027 0363 0466 0519 0534
<b>Skeletal movement</b>	0046 0132 0475
<b>Skeletal system disorders</b>	0006 0132 0592
<b>Skin absorption</b>	0009 0036 0065 0103 0342 0457 0482 0485 0488
<b>Skin disorders</b>	0066 0485 0488 0608 0660
<b>Skin exposure</b>	0036 0036 0065 0066 0299 0342 0457 0482 0485 0488 0521 0642
<b>Skin irritants</b>	0036 0065 0066 0103 0299 0457 0482 0485 0488 0521 0647 0651 0656 0660

## X. Keyword Index

<b>Keyword</b>	<b>Citation Number(s)</b>
Skin sensitivity	0009 0036 0065 0066 0066 0103 0299 0457 0482 0488 0521
Slaughterhouses	0164 0249
Sleep disorders	0060 0303 0304 0305 0330
Smelting	0009
Smoking	0076 0300 0301 0339
Sociological factors	0005 0257 0314 0351
Sociology	0005
Solvent vapors	0123 0207 0250 0339 0651
Solvents	0083 0084 0123 0207 0250 0339 0610 0642 0651
Sound	0367
Sound attenuation	0470 0478 0536 0561 0578
Spectrographic analysis	0045 0124 0125
Spinal cord	0164
Spirometry	0028 0540
Spontaneous combustion	0306 0356 0576 0605
Sprays	0126
Stains	0124 0125
Stakeholders	0495
Statistical quality control	0168 0224 0246 0304
Stone mines	0098 0427 0431 0434 0435 0436 0440 0443 0444 0462 0469 0470 0481 0491 0492
Stone processing	0109 0469
Stress	0010 0060 0061 0095 0130 0215 0262 0283 0314 0330 0545
Stretch shortening contractions	0021
Structural analysis	0186 0624
Styrenes	0611 0612
Substance abuse	0214 0413 0414
Sulfates	0656
Sunscreening agents	0148 0516
Surface mining	0031 0078 0241 0242 0261 0427 0428 0435 0436 0437 0444 0447 0469 0562
Surface properties	0027 0041
Surveillance programs	0067 0068 0114 0184 0185 0199 0289 0292 0316 0321 0365 0372 0419 0420 0426 0497 0508 0550
Temperature effects	0039 0108
Therapeutic agents	0158 0355 0493
Thorax	0028 0169
Thyroid gland disorders	0348
Time weighted average exposure	0043 0051 0207 0224 0608
Tissue culture	0471
Tissue disorders	0350
Tobacco smoke	0227 0339
Toluidines	0020
Tools	0157 0202 0541 0601
Toxic effects	0017 0055 0066 0161 0240 0247 0272 0315 0348 0488 0558 0592 0608
Toxic gases	0119
Toxic materials	0315
Toxic vapors	0134 0558 0608
Toxicology	0003 0045 0055 0108 0113 0170 0209 0240 0315 0348
Toxicopathology	0003 0108 0113 0172 0348 0558 0608

<b>Keyword</b>	<b>Citation Number(s)</b>
Tractor overturn fatalities	0181
Transportation workers	0063 0533
Traumatic injuries	0063 0067 0068 0219 0320 0326 0376 0421 0422 0453 0474 0495 0509 0618 0619 0620 0622 0624 0627 0628 0632 0633 0637 0639
Truck drivers	0063 0452 0470 0537
Tuberculosis	0419 0420
Tumor inhibition	0062 0486
Tumorigenesis	0112 0486 0607
Tungsten compounds	0205 0543
Ultrasound	0171
Ultraviolet light	0194
Ultraviolet radiation	0281 0570
Underground miners	0033 0072 0328 0363 0379 0383 0407 0427 0428 0435 0436 0437 0444 0461 0469 0477 0478 0536 0561 0577
Uranium compounds	0163
Urinalysis	0007 0126
Urogenital system disorders	0286
Uterus	0171
Vapors	0009 0036 0084 0134 0224 0339 0455 0458 0547 0611 0612 0614
Ventilation	0100 0151 0208 0213 0306 0380 0382 0397 0398 0501 0520 0555 0576 0605 0611 0614 0627 0647 0648 0651 0658
Ventilation equipment	0208 0213 0235 0613 0614
Veterinarians	0387 0404 0405
Veterinary medicine	0260 0387 0404 0405
Vibration	0088 0089 0197 0202 0258 0259 0338 0341 0350 0487 0523 0524 0525 0537 0541 0601
Vibration disease	0090 0523 0524 0525
Vibration effects	0087 0088 0090 0091 0202 0258 0259 0338 0350 0523 0524 0525 0541 0601
Vibration exposure	0087 0088 0090 0091 0197 0202 0258 0258 0259 0338 0341 0350 0487 0523 0524 0525 0541 0601
Vinyl plastics	0115
Viral diseases	0056 0057 0192 0194 0268 0387 0404 0405
Vision disorders	0101
Visual perception	0568 0569
Volatiles	0134 0238 0655
Volumetric analysis	0208
Warning systems	0053 0079
Weight factors	0061 0215 0293 0351 0540
Weight measurement	0061 0293 0540
Welders lung	0455 0459 0607
Welding fumes	0153
Welding industry	0147 0459
Whole body vibration	0197 0258
Woodworkers	0083 0253
Woodworking industry	0083 0253 0650
Work environment	0166
Work schedule tolerance	0052 0259
Work practices	0002 0036 0040 0047 0052 0059 0075 0082 0084 0086 0104 0106 0129 0131 0133 0159 0177 0178 0179 0189 0196 0243 0257 0259 0291 0327 0338 0347 0368 0383 0394 0395 0396 0400 0401 0426



# *X. Keyword Index*

<b>Keyword</b>	<b>Citation Number(s)</b>
<b>Work practices (cont.)</b>	0460 0532 0541 0588 0595 0596 0601 0615 0616 0618 0622 0633 0640
<b>Worker health</b>	0002 0005 0022 0052 0058 0075 0077 0081 0085 0106 0126 0134 0149 0172 0183 0189 0224 0257 0259 0273 0277 0288 0293 0309 0347 0385 0386 0426 0460
<b>Workplace studies</b>	0002 0005 0040 0047 0075 0076 0077 0081 0082 0086 0106 0106 0113 0114 0118 0119 0131 0132 0133 0134 0150 0169 0172 0173 0176 0189 0202 0213 0224 0227 0243 0257 0258 0293 0309 0312 0330 0340 0347 0363 0460 0507 0515 0526 0538 0541 0579 0581 0601
<b>X-ray absorption</b>	0640
<b>X-ray analysis</b>	0156 0211 0212 0229 0295 0416
<b>Zoonoses</b>	0192 0387 0404 0405

## XI. NATIONAL OCCUPATIONAL RESEARCH AGENDA (NORA) INDEX

Topic	Citation Number(s)
<b>Disease and Injury</b>	
Infectious Diseases	0195
<b>Other Occupational Concerns</b>	
Manufacturing	0003 0007 0015 0017 0018 0019 0025 0026 0029 0030 0045 0062 0077 0080 0081 0094 0100 0103 0109 0111 0112 0118 0127 0134 0139 0140 0141 0142 0143 0148 0156 0158 0162 0174 0176 0190 0191 0196 0205 0207 0209 0210 0213 0233 0234 0235 0236 0239 0240 0244 0247 0250 0251 0252 0253 0254 0272 0279 0280 0282 0286 0288 0289 0292 0296 0297 0298 0300 0308 0309 0311 0333 0335 0336 0337 0338 0347 0353 0354 0355 0359 0378 0385 0386 0394 0395 0396 0455 0456 0458 0459 0479 0485 0486 0488 0490 0493 0498 0499 0516 0522 0523 0524 0525 0527 0539 0543 0544 0547 0549 0551 0553 0554 0558 0560 0563 0564 0567 0570 0575 0591 0592 0603 0607 0608 0611 0612 0614 0615 0616
Agriculture, Forestry and Fishing	0005 0006 0029 0051 0059 0106 0110 0123 0126 0128 0131 0132 0171 0173 0177 0178 0179 0181 0192 0204 0277 0302 0313 0344 0345 0368 0456 0497 0508 0550 0565
Healthcare and Social Assistance	0008 0013 0014 0039 0065 0101 0253 0321 0325 0348 0389 0390 0391 0392 0413 0414 0449 0450 0457 0473 0482 0484 0521 0526 0539 0581
Services	0008 0010 0060 0061 0065 0069 0103 0108 0115 0124 0125 0146 0214 0215 0231 0238 0248 0274 0285 0293 0303 0304 0305 0314 0320 0321 0330 0342 0348 0364 0366 0389 0390 0391 0392 0421 0422 0445 0457 0471 0472 0482 0503 0515 0521 0538 0545 0551 0619 0620 0621 0622 0623 0624 0625 0626 0627 0628 0629 0630 0631 0632 0633 0634 0635 0636 0637 0638 0639
Mining	0019 0031 0032 0053 0062 0070 0072 0078 0079 0081 0097 0098 0102 0109 0116 0117 0120 0121 0135 0151 0152 0159 0160 0167 0180 0186 0203 0204 0219 0221 0222 0232 0241 0242 0257 0278 0294 0306 0309 0323 0328 0329 0356 0370 0372 0375 0380 0381 0388 0393 0407 0408 0423 0424 0425 0427 0428 0429 0430 0431 0432 0433 0434 0435 0436 0437 0438 0439 0440 0441 0442 0443 0444 0453 0454 0461 0462 0464 0465 0466 0467 0469 0470 0476 0477 0478 0480 0481 0483 0491 0492 0494 0496 0500 0501 0504 0505 0510 0511 0512 0513 0517 0518 0519 0529 0530 0533 0534 0535 0536 0537 0542 0546 0548 0552 0555 0556 0557 0561 0566 0568 0569 0571 0576 0577 0578 0580 0582 0584 0585 0586 0587 0588 0589 0590 0593 0595 0596 0602 0605
Transportation, Warehousing and Utilities	0063 0067 0068 0206 0208 0301 0310 0338 0530
Wholesale and Retail Trade	0067 0068
Public Safety	0069 0623 0625 0626 0629 0630 0631 0634 0635 0636 0638
All Sectors	0081 0309
Construction	0082 0083 0084 0085 0086 0093 0118 0121 0131 0132 0133 0173 0176 0302 0353 0354 0359 0368 0400 0401 0402 0403 0458 0459 0474 0495 0498 0499 0509 0528 0598 0599 0600 0607 0618
Oil and Gas Extraction	0219



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